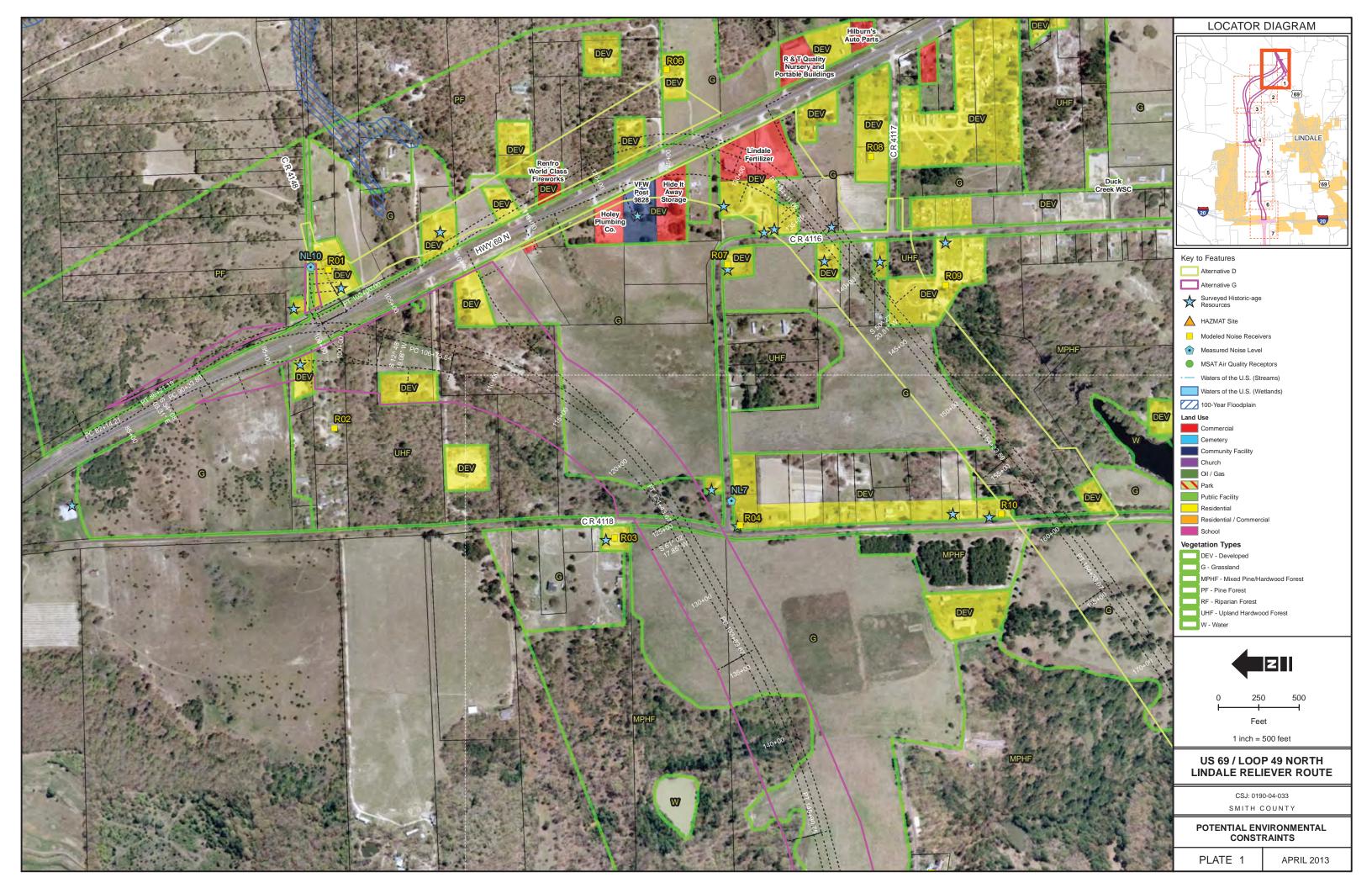
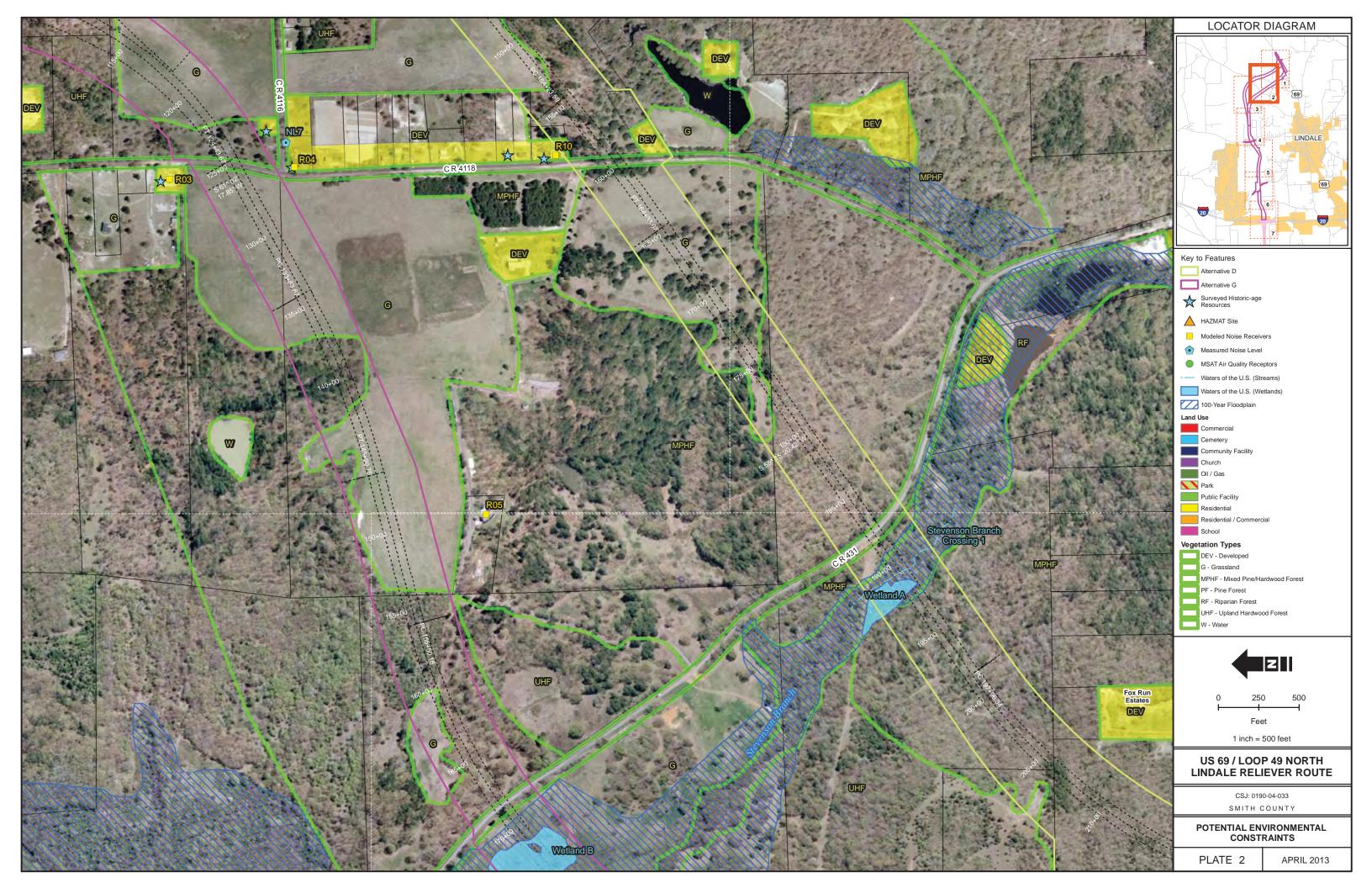
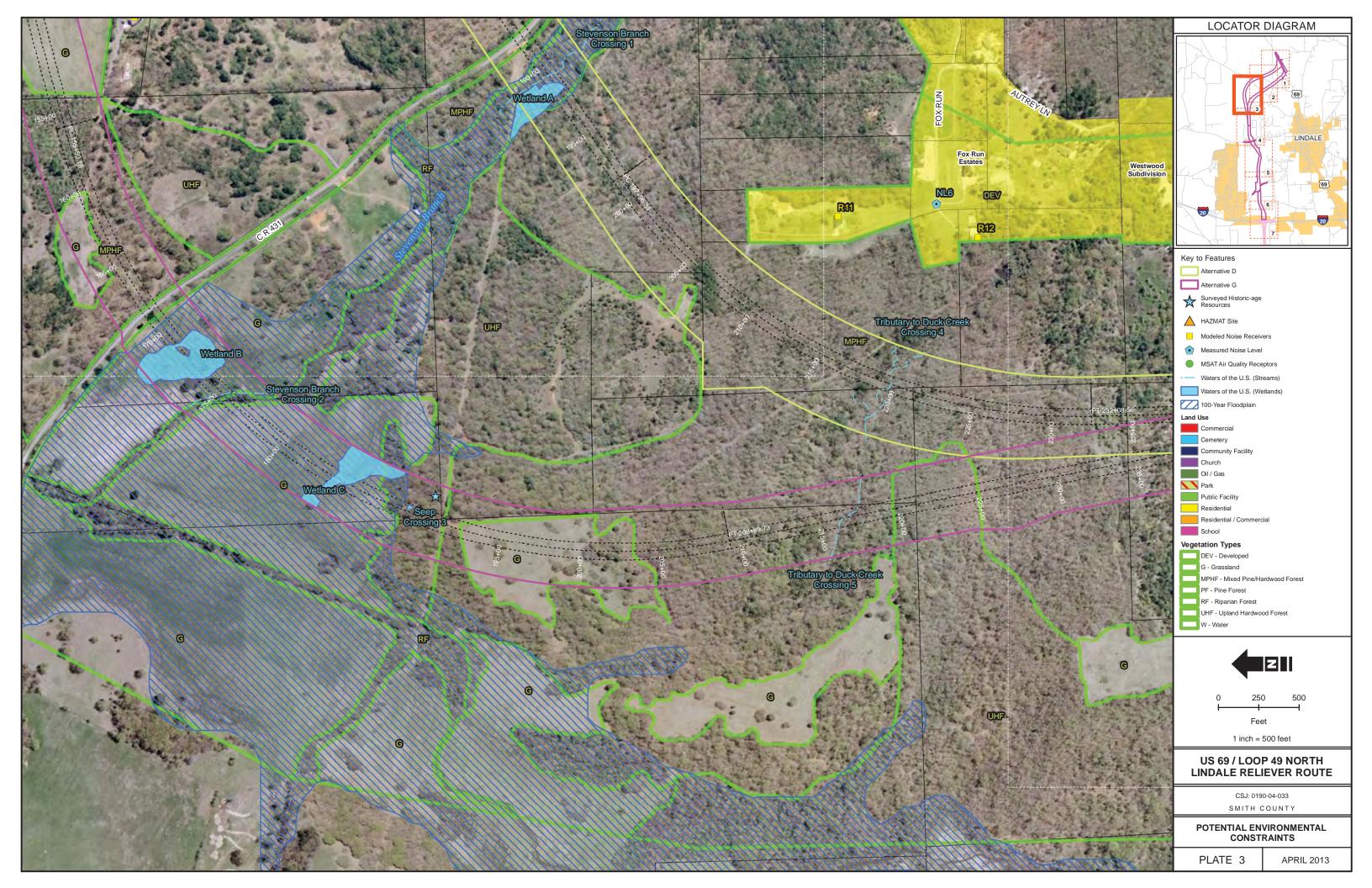
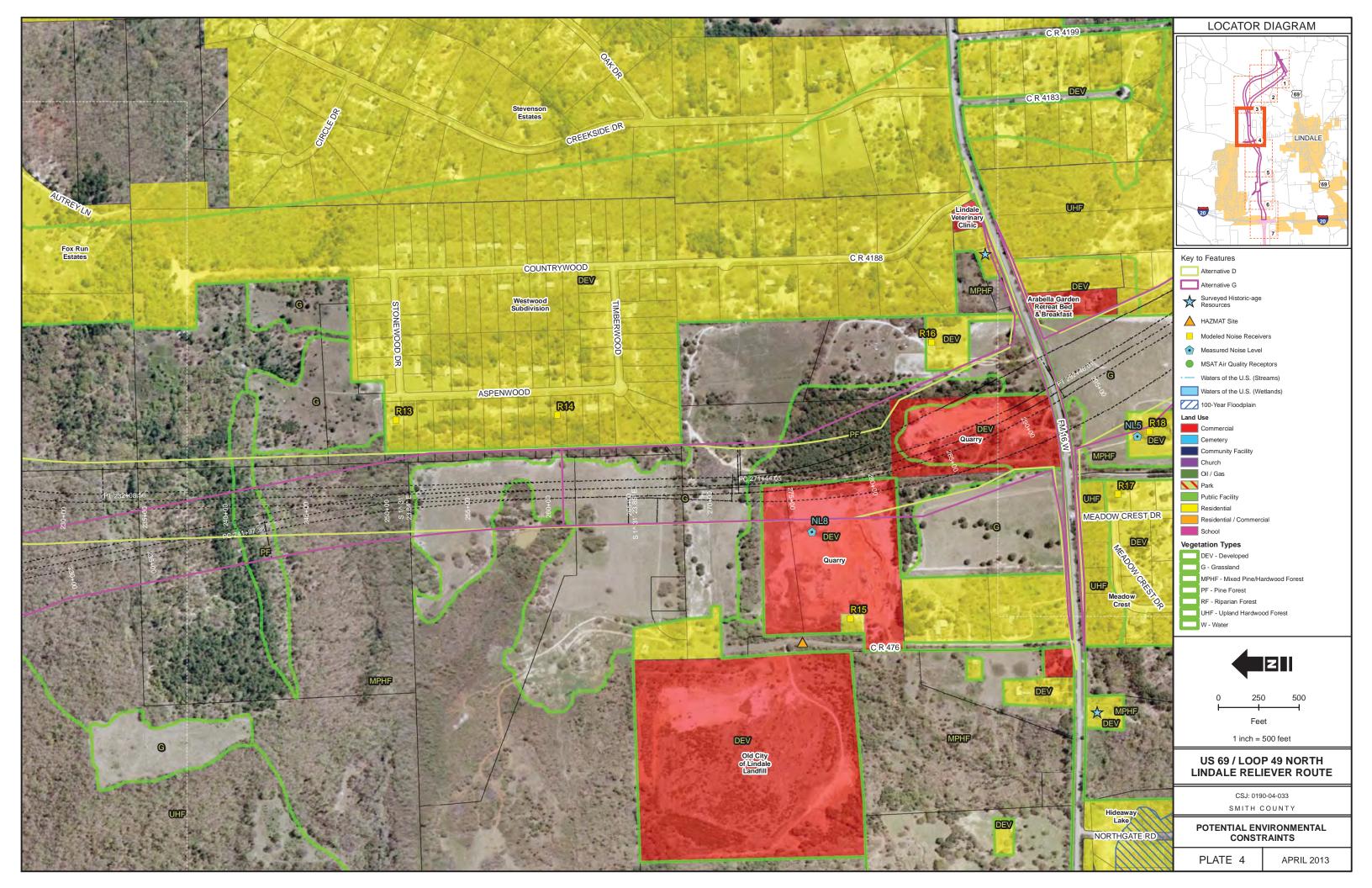
## **APPENDIX A**

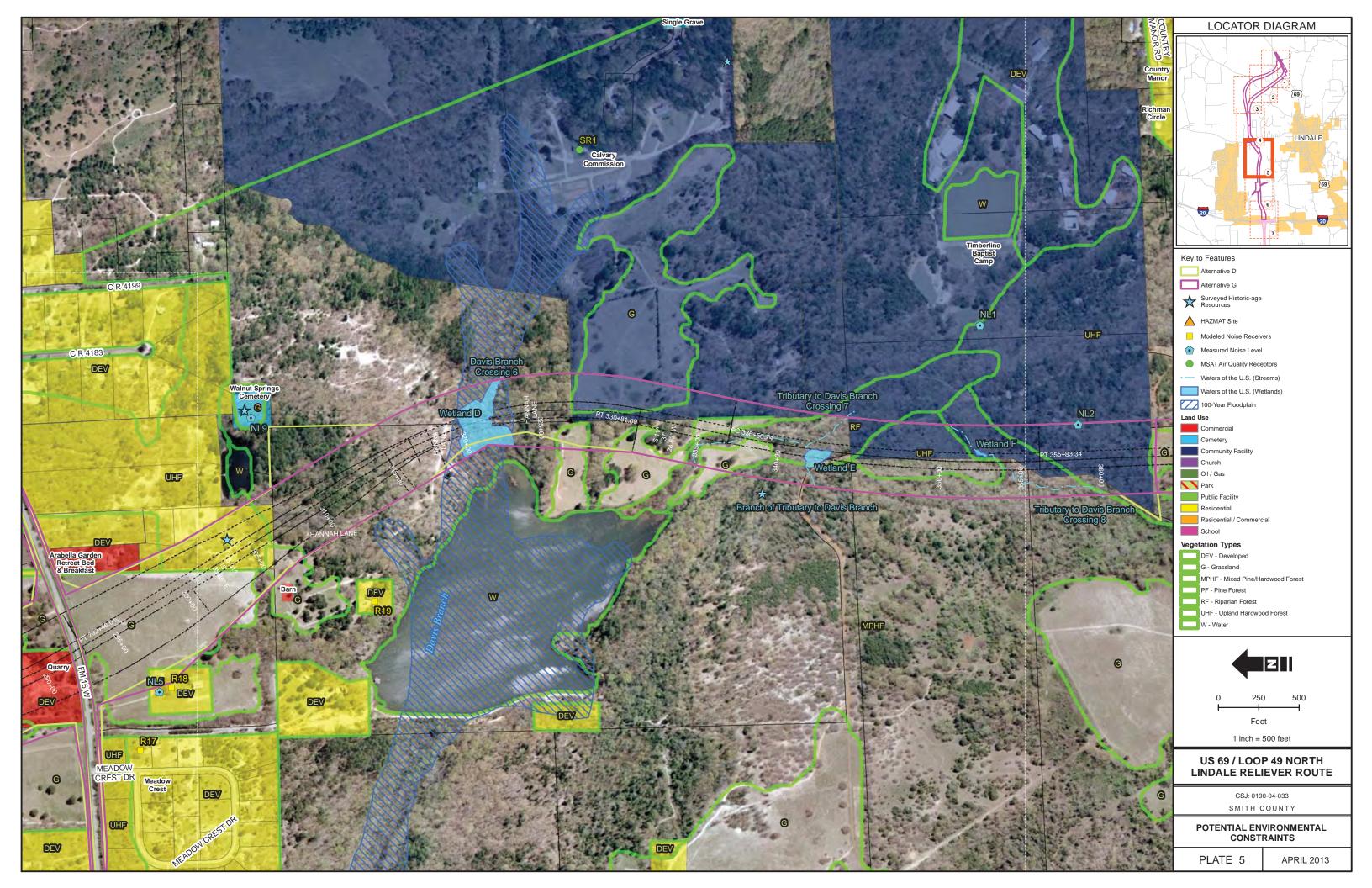
## POTENTIAL ENVIRONMENTAL CONSTRAINTS & RESIDENTIAL AND COMMERCIAL DISPLACEMENTS PLATES

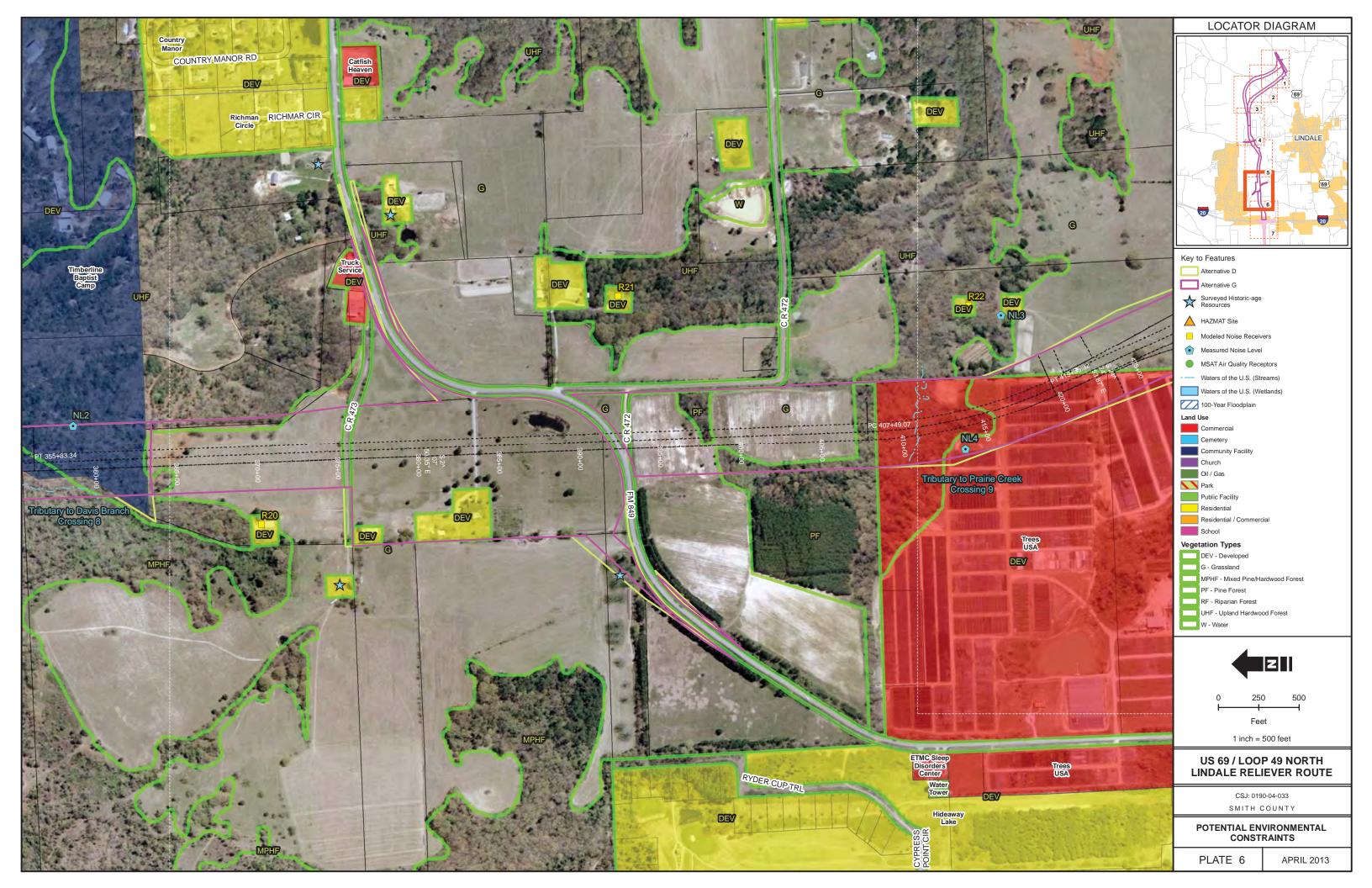


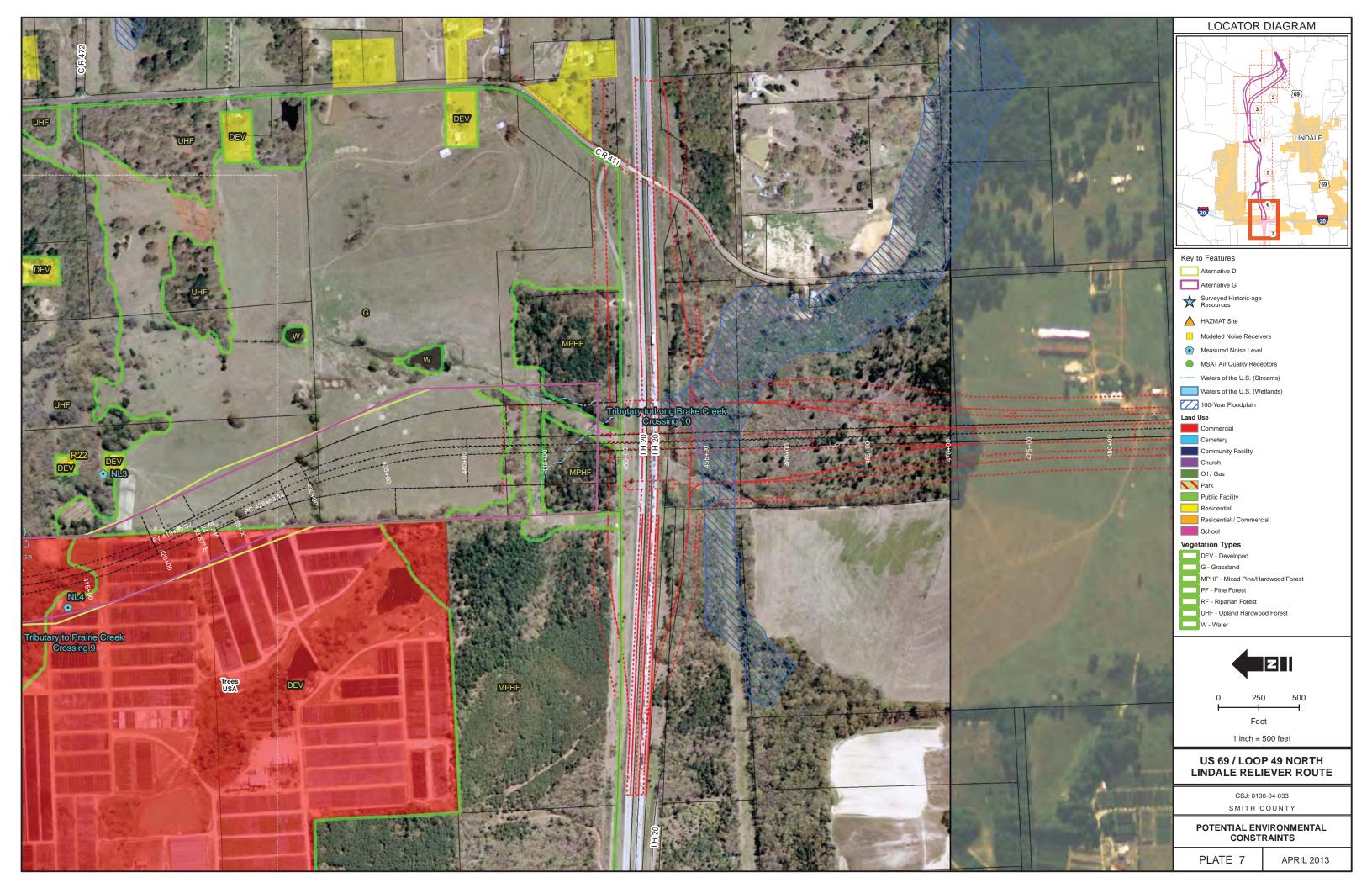


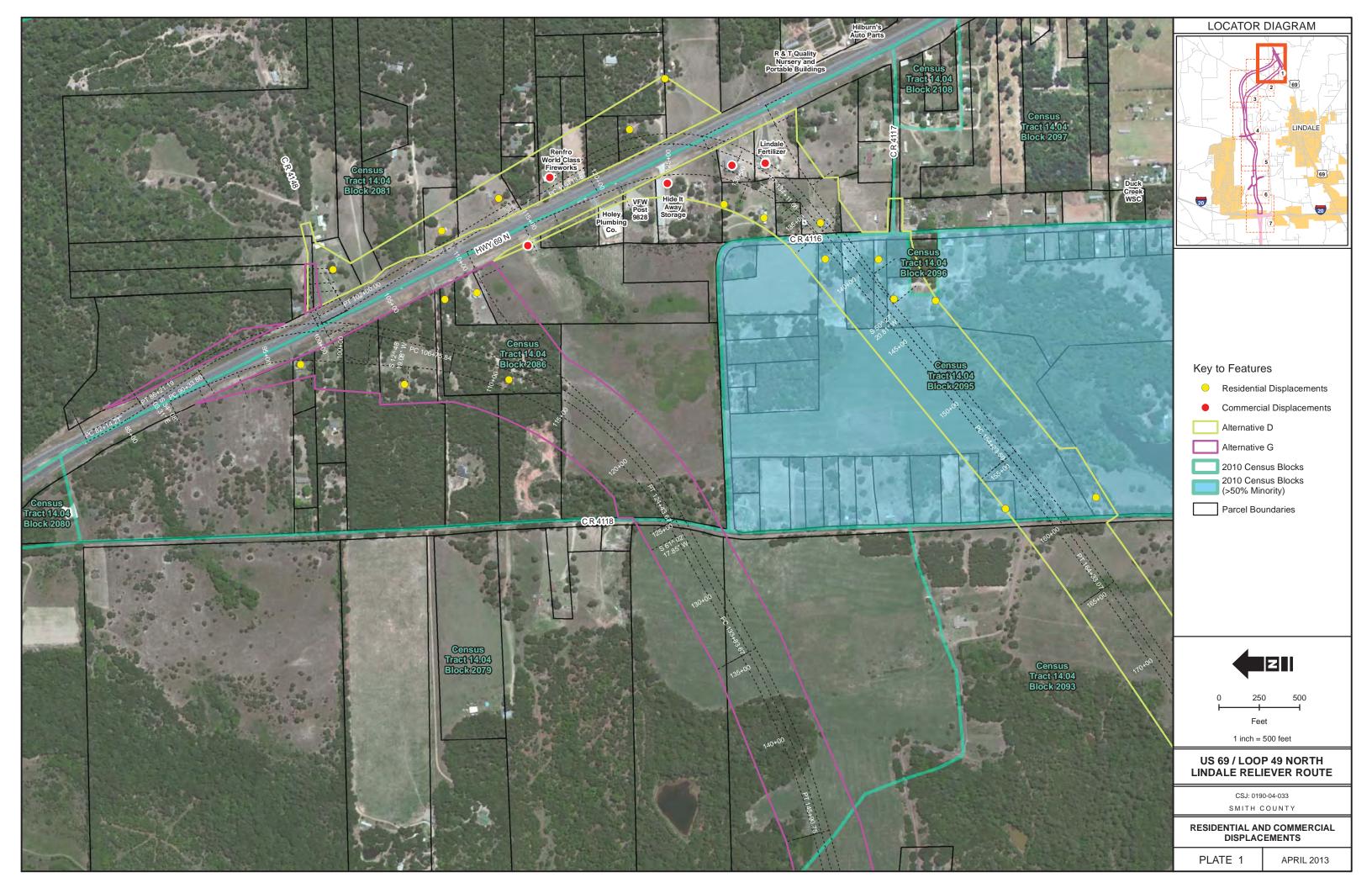


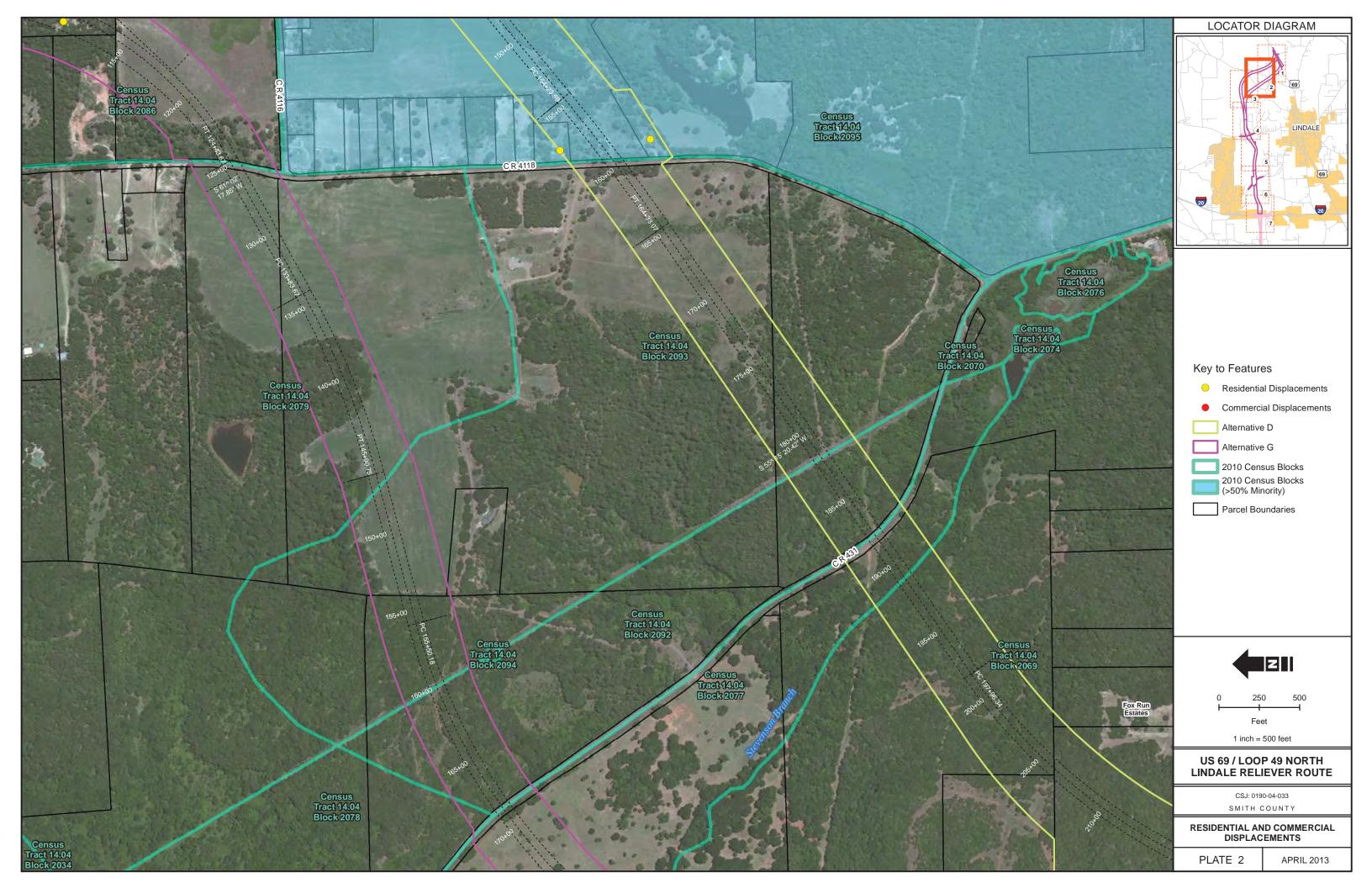




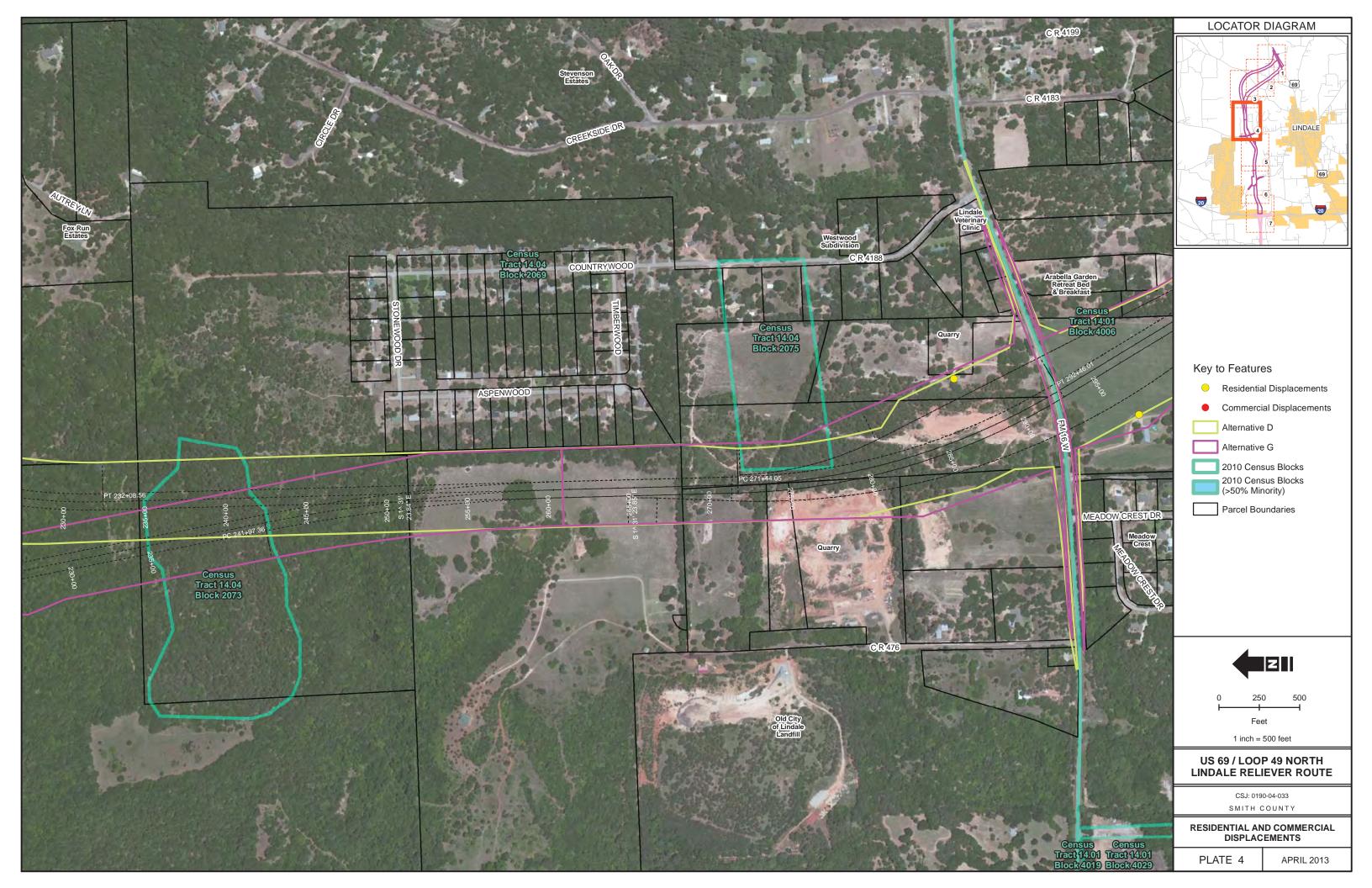


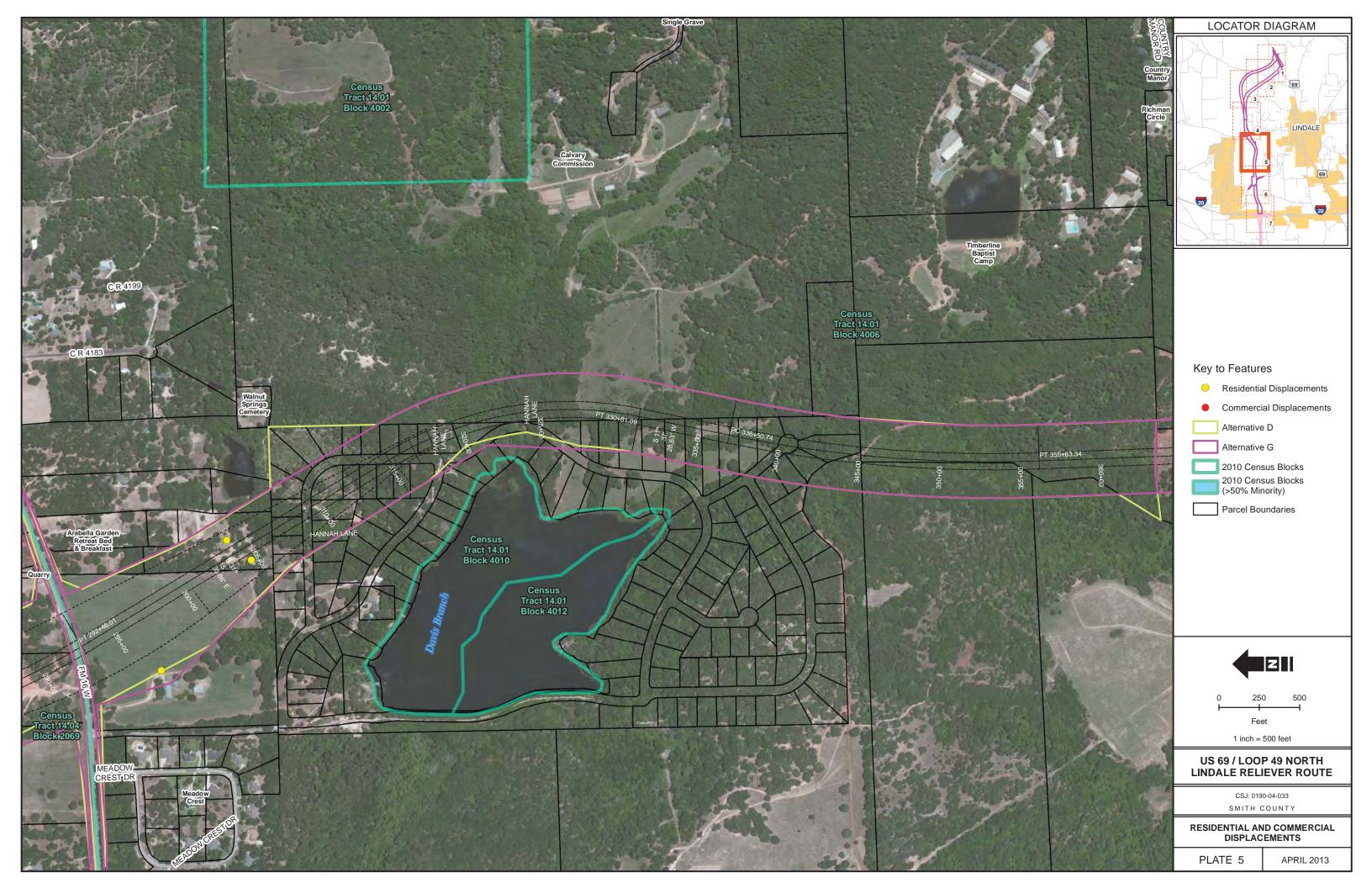




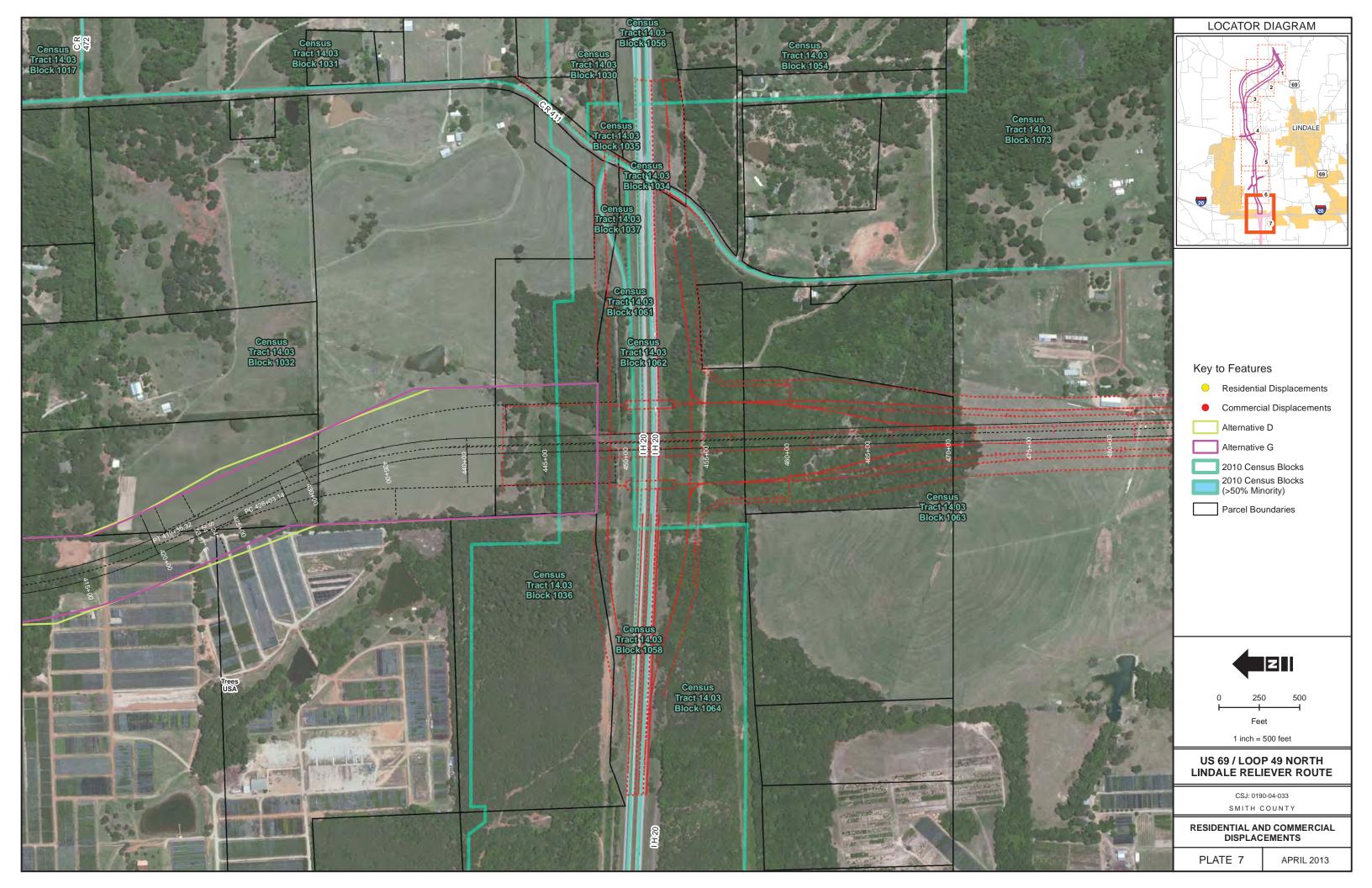












## APPENDIX B PROJECT AREA PHOTOS



Wetland in floodplain south of Stevenson Branch, Alternative G.



Man-made ditch through wetland in floodplain south of Stevenson Branch, Alternative G.



Stevenson Branch, Alternative G.



Grassland vegetation.



Stevenson Branch, Alternative D.



Wetland adjacent to Stevenson Branch, Alternative D.



Wetland in floodplain north of Stevenson Branch, Alternative G.



Grassland vegetation in foreground; upland hardwood vegetation in background.



Grassland vegetation.



Seep adjacent to wetland in floodplain south of Stevenson Branch, Alternative G.



Seep adjacent to wetland in floodplain south of Stevenson Branch, Alternative G.



Grassland vegetation in foreground; upland hardwood vegetation in background.



Tributary to Duck Creek, Alternative G.



Tributary to Duck Creek, Alternative G.



Aesthetic quality of surrounding landscape.



Tributary to Prairie Creek, both alternatives.



Tributary to Long Brake Creek, both alternatives.



Tributary to Long Brake Creek at IH 20, both alternatives.



Tributary to Long Brake Creek, both alternatives.



Tributary to Prairie Creek, both alternatives.



Tributary to Duck Creek, Alternative D.



Davis Branch, both alternatives.



Wetland at Davis Branch, both alternatives.



Pine Woodland vegetation.



Mixed Pine/Hardwood Woodland vegetation.



Typical single family residence in Lindale



Typical single family residence on CR 4118





Single family residence on FM 849 east of proposed project



Trees USA seedlings



US 69.Main Street at FM 16 in Lindale, looking north



US 69.Main Street at FM 16 in Lindale, looking south



Timberline Baptist Camp



Northern terminus of Alternative G, looking South

## **APPENDIX C**

## **WETLAND DETERMINATION DATA FORMS**

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/22/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 1
(If needed, explain on reverse)			Stevenson Branch, Alt D

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Smilax rotundifolia	V	FAC	9.			
2.	Quercus nigra	Т	FAC+	10.			
3.	Ulmus americana	Т	FAC	11.			
4.	Solidago sp.	Н		12.			
5.	Lonicera japonica	V	FAC	13.			
6.	Acer barbatum	Т		14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/6 = 67%						
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

⊠Recorded Data (Describe in Remarks):  □Stream, Lake, or Tide Gauge  ⊠Aerial Photographs  □Other	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches
☐No Recorded Data Available	□Water Marks □□Drift Lines
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland The site is adjacent to a water of the U.S. (Stevenson Bru water was present within the channel.	d hydrology. anch) with an ordinary high water mark of approximately 10 feet. Flowing

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (Subgroup):			Confirm Mapped type? ☐ Yes ☐ No*				
			*Soils were not determined by a professional soil scientist.				
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	S,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-5		5YR4/6				Sandy loa	m
5-10		5YR4/4				Sandy loa	m
10-16		5YR4/6	7.5YR4/6	3	Common, large, distinct	Clay loan	ì
Hydric Soil Indicators:    Histosol							
WETLAND DETERMINATION							
Wetland Hyd Hydric Soils	rology Present? Present?	sent? ☐ Yes ☑No					⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/22/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 2
(If needed, explain on reverse)			Alt D, forested area S of
			Stevenson Branch

### **VEGETATION**

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
Arundinaria gigantea	Н	FACW	9.			
2. Quercus nigra	Т	FAC+	10.			
3. Ulmus americana	Т	FAC	11.			
4. Liquidambar styraciflua	Т	FAC	12.			
5.			13.			
6.			14.			
7.			15.			
8.			16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Remarks: This site meets the criteria for hydrophytic vegetation.						

⊠Recorded Data (Describe in Remarks):  □Stream, Lake, or Tide Gauge  ⊠Aerial Photographs □Other □No Recorded Data Available		Wetland Hydrology Indicators: Primary Indicators: □Inundated □Saturated in Upper 12 Inches □Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
		Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none	(in.)	
		Local Soil Survey Data
Depth to Saturated Soil: none	(in.)	FAC-Neutral Test
		Other (Explain in Remarks)
Remarks: This site does not meet the criteria for	wetland hydrolog	yy.

00:10							
Map Unit Na	me			Drainage Class:			
(Series and F	Phase):			Field Observations			
Taxonomy (S	Subgroup):			Confirm Mapped type?	☐ Yes		
					ed by a professional soil		
				scientist.			
Profile Desc	ription:				<u></u>		
Depth		Matrix Color	Mottle Colors	Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	Structure, etc.		
0-16		10YR5/4	2.5YR4/6	Many, medium, distinct	Clay loam		
Hydric Soil Ir	ndicators:						
	Histosol		□Concr	retions			
	Histic Epipedon		⊟High (	Organic Content in Surface La	yer in Sandy Soils		
	Sulfidic Odor			nic Streaking in Sandy Soils			
	Aquic Moisture F			on Local Hydric Soils List			
	Reducing Condi			on National Hydric Soils List			
Ш	Gleyed or Low-C	Chroma Colors	∐Other	(Explain in Remarks)			
D		and the order to a	La callada da a Ma				
Remarks: 11	nis site does not	meet the criteria for	nyaric soils.				
WETI	AND DETER	MOLTAIAIM					
WEIL	AND DETEN	AMINATION	1				
المناه والمحملة والا	/ station Duos			this Committee Deint Within a V	Atatianato Divas Mais		
	Vegetation Prese rology Present?	ent? ⊠ Yes □ Yes	□No Is	this Sampling Point Within a V	Vetland? ☐ Yes ☐ No		
Hydric Soils		☐ Yes	⊠No				
Tryunc Sons i	resent:	□ 163					
Remarks: Th	nis site is not loca	ated within a wetland	due to the lack of w	etland hydrology and hydric se	oils.		
	remarks. This site is not located within a wettand due to the lack of wettand hydrology and hydric solis.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/22/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 3
(If needed, explain on reverse)			Alt D, forested area S of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.	Arundinaria gigantea	Н	FACW	9.		
2.	Quercus nigra	Т	FAC+	10.		
3.	Lonicera japonica	H/V	FAC	11.		
4.	Liquidambar styraciflua	Т	FAC	12.		
5.				13.		
6.				14.		
7.				15.		
8.				16.		
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%					
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.			

⊠Recorded Data (Describe in Remarks):     □Stream, Lake, or Tide Gauge     ☑Aerial Photographs     □Other     □No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: Inundated Saturated in Upper 12 Inches Water Marks
Field Ohear ations	□ Drift Lines
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Donath to Free Motor in Dit.	
Depth to Free Water in Pit: none (in.)	⊠Water-Stained Leaves □Local Soil Survey Data
Depth to Saturated Soil: none (in.)	FAC-Neutral Test
	☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	
Remarks. This site meets the chieffa for wetland hydrology.	

Map Unit Name				Drainage Class:			
(Series and Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
					*Soils were not determin scientist.	ned by a professional	soil
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-2		7.5YR4/6				Clay loa	m
2-4		7.5YR4/6	10YR5/4		Common, small, distinct	Clay loa	m
4-16		7.5YR4/6	10YR5/4		Many, small, distinct	Clay loa	n
					*	ĺ	
Sulfidic Odor □Organic □Aquic Moisture Regime □Listed o □Reducing Conditions □Listed o			gh Orga ganic S sted on sted on	ns unic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	yer in Sandy Soils		
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?					⊠No		
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/22/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 4
(If needed, explain on reverse)			Alt D, forested area S of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Arundinaria gigantea	Н	FACW	9.			
2.	Quercus nigra	Т	FAC+	10.			
3.	Lonicera japonica	H/V	FAC	11.			
4.	Liquidambar styraciflua	Т	FAC	12.			
5.	Smilax rotundifolia	H/V	FAC	13.			
6.				14.			
7.				15.			
8.				16.			
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%						
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		☐Inundated
□Other		☐Saturated in Upper 12 Inches
□No Recorded Data Available		⊠Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
'	,	⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 14	(in.)	
	( )	☐Local Soil Survey Data
Depth to Saturated Soil: 14	(in.)	☐FAC-Neutral Test
	()	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	hydrology	1
Tromand. The did mode the ontone for welland	a injuiciogy.	

Map Unit Name				Drainage Class:			
(Series and Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
	.,,				*Soils were not determing	ned by a professiona	al soil
					scientist.		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ons,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-2		10YR3/1	5YR3/4		Common, medium, distinct	Clay loa	am
2-16		10YR5/4	5YR4/6		Many, medium, distinct	Clay loa	am
□ Sulfidic Odor □ Organic Str □ Aquic Moisture Regime □ Listed on L □ Reducing Conditions □ Listed on N					ns anic Content in Surface La streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)		
WETLAND DETERMINATION							
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Ye	s □No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/22/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 5
(If needed, explain on reverse)			Alt D, forested area S of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Juncus effusus	Н	OBL	9.			
2.	Quercus nigra	Т	FAC+	10.			
3.	Lonicera japonica	H/V	FAC	11.			
4.	Liquidambar styraciflua	Т	FAC	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Re	Remarks: This site meets the criteria for hydrophytic vegetation.						

<ul> <li>☐ Recorded Data (Describe in Remarks):</li> <li>☐ Stream, Lake, or Tide Gauge</li> <li>☐ Aerial Photographs</li> <li>☐ Other</li> <li>☐ No Recorded Data Available</li> </ul>		Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches □Water Marks
		☐ Drift Lines
Field Observations:		Sediment Deposits
Depth of Surface Water: no	ne (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 11	(in.)	
		☐Local Soil Survey Data
Depth to Saturated Soil: 11	(in.)	☐FAC-Neutral Test
		Other (Explain in Remarks)
Remarks: This site meets the criteria for we	etland hydrology.	

Map Unit Name				Drainage Class:			
(Series and Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*	
					*Soils were not determing	ned by a profession	al soil
					scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concreti	ons,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-10		10YR4/1	5YR4/6		Many, small, distinct	Clay lo	am
10-16		10YR4/1	5YR4/6		Many, large, distinct	Clay lo	am
	•	•	•			•	
Hydric Soil In	ndicators:						
_	Histosol		_	oncretio			
	Histic Epipedon				Organic Content in Surface Layer in Sandy Soils		
	Sulfidic Odor				anic Streaking in Sandy Soils		
	Aquic Moisture				ed on Local Hydric Soils List ed on National Hydric Soils List		
	Reducing Condi				r (Explain in Remarks)		
	Gleyed or Low-0	Unioma Colors	ПО	mer (⊏x	piain in Remarks)		
Pemarke: T	hic cita maate th	e criteria for hydric s	oile				
ixemaiks. I	ilis site ilicets til	e cinena ioi riyunc s	olis.				
WETL	AND DETER	RMINATION					
Hydrophytic	Vegetation Pres	ent? X Yes	□No	Is this	Sampling Point Within a	Wetland? ⊠ Ye	s $\square$ No
	Irology Present?		□No		camping rount rount a		
Hydric Soils		Yes	□No				
		_	-				
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/22/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 6
(If needed, explain on reverse)			Alt D, forested area S of
			Stevenson Branch

### VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Chasmanthium laxum	Н	FAC	9.			
2.	Quercus nigra	Т	FAC+	10.			
3.	Lonicera japonica	H/V	FAC	11.			
4.	Liquidambar styraciflua	Т	FAC	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Re	Remarks: This site meets the criteria for hydrophytic vegetation.						

☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy

00.2								
∥ '					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type? ☐ Yes ☐ No*			
	<u> </u>				*Soils were not determine	ned by a professior	nal soil	
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concre	tions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.		
0-10		5YR4/6	2.5YR3/6		Common, small, distinct	Fine sand	dy loam	
10-16		5YR4/6	2.5YR3/6		Common, large, distinct	Fine sand	dy loam	
☐ Histic Epipedon ☐ High ☐ Sulfidic Odor ☐ Orgs ☐ Aquic Moisture Regime ☐ Liste ☐ Reducing Conditions ☐ Liste				ganic S ted on I ted on I	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)		;	
WETL	AND DETER	RMINATION						
	Vegetation Pres drology Present? Present?		□No ⊠No ⊠No	Is this	Sampling Point Within a	Wetland? 🔲 Y	es ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 7
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Juncus effusus	Н	OBL	9.			
2.	Cirsium horridulum	Н	FAC	10.			
3.	Eleocharis smallii	Н	OBL	11.			
4.	Polygonum hydropiperoides	Н	OBL	12.			
5.	Hydrocotyle umbellata	Н	OBL	13.			
6.	Solidago sp.	Н		14.			
7.	Paspalum urvillei	Н	FAC	15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/7 = 86%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>		Wetland Hydrology Indicators: Primary Indicators: □Inundated □Saturated in Upper 12 Inches □Water Marks
Field Observations:		☐ Drift Lines ☐ Sediment Deposits
Depth of Surface Water: none	(in.)	☐ Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐ Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 0	(in.)	
Depth to Saturated Soil: 0	(in.)	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)
Remarks: This site meets the criteria for wetlan	d hydrology.	I

Map Unit Name				Drainage Class:			
(Series and Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
					*Soils were not determined by a professional soil scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Conc	retions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	2.5YR4/6		Many, small, distinct	C	Clay
Sulfidic Odor □Organic □Aquic Moisture Regime □Listed or □Reducing Conditions □Listed or			gh Orga ganic S sted on sted on	ns anic Content in Surface La streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	iyer in Sandy So	ils	
WETL	AND DETER	RMINATION					
	Vegetation Prese frology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠	Yes □No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 8
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Juncus effusus	Н	OBL	9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Erodium texanum	Н		11.				
4.	Polygonum hydropiperoides	Н	OBL	12.				
5.	Panicum capillare	Н	FAC	13.				
6.	Solidago sp.	Н		14.				
7.	Paspalum urvillei	Н	FAC	15.				
8.				16.				
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/7 = 71%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

	s):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gau	ge		Primary Indicators:
			☐Inundated
Other			☐Saturated in Upper 12 Inches
■No Recorded Data Available			☐Water Marks
			☐Drift Lines
Field Observations:			Sediment Deposits
			☐Drainage patterns in Wetlands
Depth of Surface Water:	none	(in.)	Secondary Indicators (2 or more required):
·		` '	
Depth to Free Water in Pit:	none	(in.)	☐Water-Stained Leaves
·		` '	☐Local Soil Survey Data
Depth to Saturated Soil:	none	(in.)	☐FAC-Neutral Test
		( )	Other (Explain in Remarks)
Remarks: This site does not meet the o	criteria for	wetland hydrolog	IV.
			n.
Field Observations:  Depth of Surface Water:	none	(in.) (in.) (in.)  wetland hydrolog	□ Drift Lines □ Sediment Deposits □ Drainage patterns in Wetlands Secondary Indicators (2 or more required): □ Oxidized Root Channels in Upper 12 inches □ Water-Stained Leaves □ Local Soil Survey Data □ FAC-Neutral Test □ Other (Explain in Remarks)

Map Unit Name				Drainage Class:				
				Field Observations				
(Control and Control of Control o							<u> </u>	
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Ye		⊠No*
					*Soils were not determing	ned by a prof	essional s	oil
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C	oncretions	j,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	I	Abundance/Contrast	Structure,	etc.	,
0-16	<b>†</b>	10YR4/2	2.5YR4/6		Many, small, distinct	†	Clay	
	<del> </del>				17101.7, 5, 5.0	1	٠.۵,	
		+				+		
<u> </u>	ļ		ļ			ļ		
				_				
Hydric Soil Ir	ndicators:							
l 🖂	]Histosol		□Cond	cretio	ns			
	Histic Epipedon				nic Content in Surface La	aver in Sand	√ Soils	
	Sulfidic Odor				treaking in Sandy Soils	.,	, 00c	
_	Aquic Moisture I	Radime			Local Hydric Soils List			
	Reducing Condi				National Hydric Soils List			
_	Gleved or Low-0				plain in Remarks)			
╽	IGleyed of Low-C	Unionia Colors		aı (⊏xh	Jain in Remarks)			
D	7-116	a subtractor from brookers a	- 11 -					
Remarks: I	his site meets th	ne criteria for hydric so	OIIS.					
WFTI	AND DETER	RMINATION						
	<del></del>							
I be also a be at a	Manadatian Bass	10 MV		La di Sa	O B-:- William	M-4110		NA.
	Vegetation Pres			is this	Sampling Point Within a \	Wetland?	☐ Yes	⊠No
	drology Present?		⊠No					
Hydric Soils	Present?		□No					
Remarks: This site is not located within a wetland due to the lack of wetland hy					nd hydrology.			

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 9
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.	Juncus effusus	Н	OBL	9.		
2.	Cirsium horridulum	Н	FAC	10.		
3.	Paspalum notatum	Н	FAC	11.		
4.	Polygonum hydropiperoides	Н	OBL	12.		
5.	Paspalum urvillei	Н	FAC	13.		
6.	Solidago sp.	Н		14.		
7.				15.		
8.				16.		
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/6 = 83%						
Remarks: This site meets the criteria for hydrophytic vegetation.						

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>		Wetland Hydrology Indicators:  Primary Indicators:  □Inundated  ☑Saturated in Upper 12 Inches  □Water Marks  □Drift Lines
Field Observations:		☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):  Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 6	(in.)	⊠Water-Stained Leaves □Local Soil Survey Data
Depth to Saturated Soil: 0	(in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	hydrology.	•

Map Unit Name				Drainage Class:			
(Series and Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
					*Soils were not determing scientist.	ned by a profess	ional soil
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Conc	retions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	2.5YR4/6		Many, small, distinct	C	Clay
Sulfidic Odor Organics Aquic Moisture Regime Listed on Reducing Conditions			gh Orga ganic S sted on sted on	ns anic Content in Surface La streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	iyer in Sandy So	ils	
WETLAND DETERMINATION							
	Vegetation Prese frology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠	Yes □No
Remarks: The	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 10
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Juncus effusus	Н	OBL	9.			
2.	Cirsium horridulum	Н	FAC	10.			
3.	Paspalum notatum	Н	FAC	11.			
4.	Erodium texanum	Н		12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.				14.			
7.				15.			
8.				16.			
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%						
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

	s):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gau	ge		Primary Indicators:
			☐Inundated
Other			☐Saturated in Upper 12 Inches
■No Recorded Data Available			☐Water Marks
			☐Drift Lines
Field Observations:			Sediment Deposits
			☐Drainage patterns in Wetlands
Depth of Surface Water:	none	(in.)	Secondary Indicators (2 or more required):
·		` '	
Depth to Free Water in Pit:	none	(in.)	☐Water-Stained Leaves
·		` '	☐Local Soil Survey Data
Depth to Saturated Soil:	none	(in.)	☐FAC-Neutral Test
		( )	Other (Explain in Remarks)
Remarks: This site does not meet the o	criteria for	wetland hydrolog	IV.
			n.
Field Observations:  Depth of Surface Water:	none	(in.) (in.) (in.)  wetland hydrolog	□ Drift Lines □ Sediment Deposits □ Drainage patterns in Wetlands Secondary Indicators (2 or more required): □ Oxidized Root Channels in Upper 12 inches □ Water-Stained Leaves □ Local Soil Survey Data □ FAC-Neutral Test □ Other (Explain in Remarks)

				Drainage Class:				
(Series and Phase):				Field Observations				
Taxonomy (	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			⊠No*
					*Soils were not determing	ned by a prof	essional s	oil
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		i,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, e	etc.	
0-4		10YR3/2	5YR4/4		Many, small, distinct	Fine	e sandy loa	am
4-16		10YR4/2	5YR4/4		Many, small, distinct	Fine	e sandy loa	am
	†	+	<del>                                     </del>			†		
	†	+	<del>                                     </del>			†		
	1	.1				1		
Hydric Soil II	ndicators:							
,								
	]Histosol		□Con	ncretio	ns			
	Histic Epipedon	ł	□High	h Orga	anic Content in Surface La	yer in Sandy	Soils	
	Sulfidic Odor				Streaking in Sandy Soils			
	Aquic Moisture I				Local Hydric Soils List			
_	Reducing Condi				National Hydric Soils List			
	]Gleyed or Low-0	Chroma Colors	□Othe	er (Exp	plain in Remarks)			
Remarks: T	his site meets the	ne criteria for hydric so	oils.					
WETL	AND DETER	RMINATION						
Hydrophytic	Vegetation Prese	ent? Xes		Is this	Sampling Point Within a \	Wetland?	Yes	⊠No
Wetland Hyd	drology Present?	Yes ☐ Yes	⊠No					
Hydric Soils	Present?		□No					
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 11
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Juncus effusus	Н	OBL	9.			
2.	Polygonum hydropiperoides	Н	OBL	10.			
3.	Cynodon dactylon	Н	FACU+	11.			
4.	Carex sp.	Н		12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.				14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/5 = 60%						
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

<ul> <li>☐ Recorded Data (Describe in Remarks):</li> <li>☐ Stream, Lake, or Tide Gauge</li> <li>☐ Aerial Photographs</li> <li>☐ Other</li> <li>☐ No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated  ☑Saturated in Upper 12 Inches  ☐Water Marks
	□ Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	⊠Water-Stained Leaves □Local Soil Survey Data
Depth to Saturated Soil: 0 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	1

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (Subgroup):			Confirm Mapped type?	onfirm Mapped type? ☐ Yes ☐ No*			
				*Soils were not determin scientist.	ned by a profession	onal soil	
Profile Desc	ription:						
Depth	•	Matrix Color	Mottle Colors		Mottle	Texture, Concre	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	,
0-4		10YR4/2	5YR4/4		Few, small, distinct	Clay	loam
4-9		10YR4/1	5YR4/4		Common, small, distinct	ČI	ay
9-16		10YR4/1	5YR4/6		Many, small, distinct	CI	ay
					•		
☐ Histic Epipedon ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐			□Hiţ □Or □Lis □Lis □Ot	ganic Sated on I	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List blain in Remarks)	yer in Sandy Soil	S
WETLAND DETERMINATION							
	Vegetation Prese rology Present? Present?	ent?	□No □No □No	Is this	Sampling Point Within a V	Wetland? ⊠`	Yes □No
Remarks: TI	nis site is located	within a wetland.	<del></del>			<del></del>	

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 12
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

## VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1. Juncus effusus	Н	OBL	9.			
2. Paspalum notatum	Н	FAC	10.			
Cynodon dactylon	Н	FACU+	11.			
4.			12.			
5.			13.			
6.			14.			
7.			15.			
8.			16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 2/3 = 67%						
Remarks: This site meets the criteria for hydrophytic vegetation.						

<ul> <li>☐ Recorded Data (Describe in Remarks):</li> <li>☐ Stream, Lake, or Tide Gauge</li> <li>☐ Aerial Photographs</li> <li>☐ Other</li> <li>☐ No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches □Water Marks □Drift Lines
Field Observations:	Sediment Deposits
Depth of Surface Water: none (in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

00.10							
Map Unit Na	ame		Drainage Class:				
(Series and	Phase):			Field Observations			
Taxonomy (	Subgroup):			Confirm Mapped typ	Confirm Mapped type? ☐ Yes ☐ No*		
			*Soils were not deter	rmined by a professional soil			
			scientist.				
Profile Des	cription:						
Depth		Matrix Color	Mottle Colors	Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contras			
0-4		10YR4/2	5YR4/6	Many, small, disting	ct Clay loam		
4-8		10YR3/2	5YR4/4	Many, large, distinct	ct Clay		
8-16		10YR4/1	5YR4/6	Many, medium, distinct	Clay		
Sulfidic Odor Organic Aquic Moisture Regime Listed of Reducing Conditions			retions Organic Content in Surface nic Streaking in Sandy Soil d on Local Hydric Soils List d on National Hydric Soils I r (Explain in Remarks)	s			
WETLAND DETERMINATION							
	Vegetation Presedrology Present? Present?	ent? Yes Yes Yes Yes	□No ⊠No □No	Is this Sampling Point Within a Wetland? ☐ Yes ☐ No			
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 13
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.	Juncus effusus	Н	OBL	9.		
2.	Carex sp.	Н		10.		
3.	Paspalum urvillei	Н	FAC	11.		
4.	Solidago sp.	Н		12.		
5.				13.		
6.				14.		
7.				15.		
8.				16.		
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 2/4 = 50%					
Re	Remarks: This site meets the criteria for hydrophytic vegetation.					

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated  ☑Saturated in Upper 12 Inches  □Water Marks  □Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 14 (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: 0 (in.)	☐ FAC-Neutral Test ☐ Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	<u>.</u>

Map Unit Name				Drainage Class:				
(Series and I	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
					*Soils were not determing scientist.	ned by a profe	ssional so	oil
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Co	ncretions	,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, et	tc.	
0-16		10YR4/1	5YR4/6		Many, small, distinct		Clay	
Hydric Soil Indicators:    Histosol								
WETLAND DETERMINATION								
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a \	Vetland?	⊠ Yes	□No
Remarks: Ti	Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 14
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
Paspalum notatum	Н	FAC	9.			
2. Lonicera japonica	Н	FAC	10.			
3. Paspalum urvillei	Н	FAC	11.			
4. Cirsium horridulum	Н	FAC	12.			
5.			13.			
6.			14.			
7.			15.			
8.			16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Remarks: This site meets the criteria for hydrophytic vegetation.						

	s):		Wetland Hydrology Indicators:		
☐Stream, Lake, or Tide Gau	ge		Primary Indicators:		
			☐Inundated		
Other			☐Saturated in Upper 12 Inches		
■No Recorded Data Available			☐Water Marks		
			☐Drift Lines		
Field Observations:			Sediment Deposits		
			☐Drainage patterns in Wetlands		
Depth of Surface Water:	none	(in.)	Secondary Indicators (2 or more required):		
·		` '			
Depth to Free Water in Pit:	none	(in.)	☐Water-Stained Leaves		
·		` '	☐Local Soil Survey Data		
Depth to Saturated Soil:	none	(in.)	☐FAC-Neutral Test		
		( )	Other (Explain in Remarks)		
Remarks: This site does not meet the o	criteria for	wetland hydrolog	IV.		
			n.		
Field Observations:  Depth of Surface Water:	none	(in.) (in.) (in.)  wetland hydrolog	□ Drift Lines □ Sediment Deposits □ Drainage patterns in Wetlands Secondary Indicators (2 or more required): □ Oxidized Root Channels in Upper 12 inches □ Water-Stained Leaves □ Local Soil Survey Data □ FAC-Neutral Test □ Other (Explain in Remarks)		

30IL3									
Map Unit Na	ame			Drainage Class:					
(Series and	Phase):			Field Observations	٦				
Taxonomy (	Subgroup):			Confirm Mapped type? ☐ Yes ☐ No*					
				*Soils were not determined by a professional soil scientist.	, '				
Profile Des	cription:				٦				
Depth		Matrix Color	Mottle Colors	Mottle Texture, Concretions,	1				
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	,					
0-3		10YR4/2	5YR4/6	Common, small, Clay loam distinct					
3-6		7.5YR4/4	5YR4/6	Many, small, distinct Clay					
6-12		10YR4/2	5YR5/8	Many, medium, Clay loam distinct					
12-16		10YR4/1	5YR4/6	Many, small, distinct Clay loam	٦				
Hydric Soil Indicators:    Histosol									
Remarks: This site meets the criteria for hydric soils.									
WETLAND DETERMINATION									
Hydrophytic Vegetation Present?									

Remarks: This site is not located within a wetland due to the lack of wetland hydrology.

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 15
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Rubus trivialis	Н	FAC	9.			
2.	Lonicera japonica	Н	FAC	10.			
3.	Paspalum urvillei	Н	FAC	11.			
4.	Juncus effuses	Н	OBL	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Re	Remarks: This site meets the criteria for hydrophytic vegetation.						

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☑Saturated in Upper 12 Inches ☐Water Marks
Field Observations:	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Tion Observations.	☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: none (in.)	
Depth to Saturated Soil: 10 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	

Map Unit Name					Drainage Class:			
(Series and	Phase):		Field Observations					
Taxonomy (Subgroup):					Confirm Mapped type? ☐ Yes ☐ No*			
			*Soils were not determing	ned by a profession	nal soil			
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concre	etions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.		
0-16		10YR4/1	5YR4/6		Common, small, distinct	Clay	loam	
□ Sulfidic Odor □ Organic □ Aquic Moisture Regime □ Listed or □ Reducing Conditions □ Listed or					ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)		s	
WETLAND DETERMINATION								
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a	Wetland? ⊠ \	∕es	
Remarks: T	his site is located	d within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 16
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Erodium texanum	Н		9.				
2.	Paspalum notatum	Н	FAC	10.				
3.	Paspalum urvillei	Н	FAC	11.				
4.	Carex sp.	Н		12.				
5.				13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 2/4 = 50%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

☐Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:						
☐Stream, Lake, or Tide Gauge		Primary Indicators:						
		□Inundated						
□Other		⊠Saturated in Upper 12 Inches  □Water Marks						
□No Recorded Data Available								
		☐Drift Lines						
Field Observations:		Sediment Deposits						
		☐Drainage patterns in Wetlands						
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):						
'	` '	⊠Oxidized Root Channels in Upper 12 inches						
Depth to Free Water in Pit: 15	(in.)	Water-Stained Leaves						
'	,	Local Soil Survey Data						
Depth to Saturated Soil: 10	(in.)	☐FAC-Neutral Test						
	<b>\</b> /	Other (Explain in Remarks)						
Remarks: This site meets the criteria for wetland	1							
Transaction and and another world no	,							
L								

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (S	Subgroup):		Confirm Mapped type?	☐ Yes	S	⊠No*		
					*Soils were not determin scientist.	ed by a prof	essional s	oil
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C	oncretions	;,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure,		
0-5		10YR3/1	5YR4/6		Many, small, distinct		Sandy loan	
5-16		10YR4/2	5YR4/6		Many, small, distinct	Fin	e sandy lo	am
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture I Reducing Condi Gleyed or Low-C	tions	ganic S sted on sted on	ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	yer in Sandy	/ Soils		
WETLAND DETERMINATION								
Hydrophytic Vegetation Present?					Sampling Point Within a \	Wetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 17
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator			
1.	Lonicera japonica	Н	FAC	9.					
2.	Paspalum notatum	Н	FAC	10.					
3.	Paspalum urvillei	Н	FAC	11.					
4.	Eriochloa punctata	Н	FACW-	12.					
5.	Rumex crispus	Н	FACW	13.					
6.				14.					
7.				15.					
8.				16.					
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%								
Re	marks: This site meets the criteria	a for hydrophytic veç	getation.						

	Wetland Hydrology Indicators:  Primary Indicators:  Inundated  Saturated in Upper 12 Inches				
□No Recorded Data Available	☐Water Marks ☐Drift Lines				
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands				
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches				
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data				
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)				
Remarks: This site does not meet the criteria for wetland hydrolog	jy.				

00.20							
Map Unit Na	ıme		Drainage Class:				
(Series and	Phase):			Field Observations			
Taxonomy (	Subgroup):		Confirm Mapped type? ☐ Yes ☐ No*				
				ned by a professional soil			
					scientist.	, ,	
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-6		10YR4/1	5YR4/6		Common, small, distinct	Sandy loam	
6-8		10YR4/3	5YR4/4		Common, small, distinct	Fine sandy loam	
8-16		10YR4/1	5YR4/6		Many, small, distinct	Fine sandy loam	
					,		
☐ Sulfidic Odor ☐ Organic S☐ Aquic Moisture Regime ☐ Listed on ☐ Reducing Conditions ☐ Listed on					ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	,	
WETL	AND DETER	RMINATION					
	Vegetation Presedrology Present? Present?		Sampling Point Within a '	Wetland? ☐ Yes ☑No			
Remarks: T	his site is not loc	ated within a wetland	d due to the lack of	of wetlar	nd hydrology.		

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 18
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator			
1.	Setaria geniculata	Н	FAC	9.					
2.	Juncus effusus	Н	OBL	10.					
3.	Rubus trivialis	Н	FAC	11.					
4.	Schizachyrium scoparium	Н	FACU+	12.					
5.	Paspalum urvillei	Н	FAC	13.					
6.				14.					
7.				15.					
8.				16.					
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%									
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.								

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:				
(Series and Phase):				Field Observations				
Taxonomy (Subgroup):					ПYes	•	⊠No*	
Taxonomy (	Subgroup):			I	Confirm Mapped type?			
					*Soils were not determin	ned by a prof	essionai s	OII
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C		,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure,	etc.	
0-16		10YR4/1	5YR4/6		Many, small, distinct		Clay loam	
					-			
	1	†	1					
		+						
<u> </u>	-	<u> </u>	ļ			<del> </del>		
ı <b> </b>								
l a								
Hydric Soil Ir	ndicators:							
_								
	Histosol		Con				<b>.</b>	
	Histic Epipedon				nic Content in Surface La	iyer in Sandy	/ Soils	
_	Sulfidic Odor				treaking in Sandy Soils			
	Aquic Moisture I			sted on Local Hydric Soils List				
	Reducing Condi			ted on National Hydric Soils List				
	]Gleyed or Low-0	Chroma Colors	□Othe	er (Exp	plain in Remarks)			
Remarks: T	his site meets th	e criteria for hydric so	oils.					
WETI	AND DETER	MINIATION						
VVLIL	AND DETER	MINATION						
		_	_				_	_
	Vegetation Pres			Is this	Sampling Point Within a V	Wetland?	Yes	⊠No
	drology Present?		⊠No					
Hydric Soils	Present?		□No					
Remarks: T	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 19
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator			
Polygonum hydropiperoides	Н	OBL	9.					
2. Juncus effusus	Н	OBL	10.					
3. Carex sp.	Н		11.					
4. Paspalum urvillei	Н	FAC	12.					
5.			13.					
6.			14.					
7.			15.					
8.			16.					
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/4 = 75%								
Remarks: This site meets the criteria for hydrophytic vegetation.								

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		□Inundated
□Other		Saturated in Upper 12 Inches
□No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		☐Sediment Deposits
		□Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 12	(in.)	
		☐Local Soil Survey Data
Depth to Saturated Soil: 11	(in.)	☐FAC-Neutral Test
·		☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetlan	nd hydrology.	•
	, 0,	

Map Unit Name				Drainage Class:			
(Series and Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*	
					*Soils were not determin scientist.	ned by a professional so	oil
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/1	5YR4/6		Many, small, distinct	Clay loam	
Sulfidic Odor Organic S Aquic Moisture Regime Listed on Reducing Conditions Listed on					ns anic Content in Surface La streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	lyer in Sandy Soils	
WETL	AND DETER	RMINATION					
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes	□No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 20
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator			
1.	Polygonum hydropiperoides	Н	OBL	9.					
2.	Juncus effusus	Н	OBL	10.					
3.	Carex sp.	Н		11.					
4.	Paspalum urvillei	Н	FAC	12.					
5.	Solidago sp.	Н		13.					
6.	Cirsium horridulum	Н	FAC	14.					
7.				15.					
8.				16.					
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/6 = 67%									
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.								

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>		Wetland Hydrology Indicators:  Primary Indicators:  □Inundated  ☑Saturated in Upper 12 Inches  □Water Marks  □Drift Lines
Field Observations:		Sediment Deposits
Depth of Surface Water: none	(in.)	☐ Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐ Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 7	(in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: 6	(in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	hydrology.	•

Map Unit Name				Drainage Class:			
(Series and Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*	
					*Soils were not determin scientist.	ned by a professional so	oil
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/1	5YR4/6		Many, small, distinct	Clay loam	
Sulfidic Odor Organic S Aquic Moisture Regime Listed on Reducing Conditions Listed on					ns anic Content in Surface La streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	lyer in Sandy Soils	
WETL	AND DETER	RMINATION					
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes	□No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 21
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Eriochloa punctata	Н	FACW-	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Carex sp.	Н		11.				
4.	Paspalum urvillei	Н	FAC	12.				
5.	Rubus trivialis	Н	FAC	13.				
6.	Cirsium horridulum	Н	FAC	14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/6 = 83%							
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.					

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

Map Unit Name			Drainage Class:					
(Series and I	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	;	⊠No*
					*Soils were not determin	ned by a profe	essional so	oil
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Co	oncretions	,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, e	etc.	
0-10		10YR4/2	5YR4/6		Many, small, distinct		Clay loam	
10-16		10YR4/1	5YR4/6		Many, small, distinct		Clay	
	<del>                                     </del>		†			<del> </del>		
	<del>                                     </del>		†			<del> </del>		
	1	_1	1			1		
Hydric Soil Ir	ndicators:							
	]Histosol		□Con	ncretio	ns			
	Histic Epipedon		□High	h Orga	anic Content in Surface La	yer in Sandy	Soils	
_	Sulfidic Odor				treaking in Sandy Soils			
	Aquic Moisture I				d on Local Hydric Soils List			
_	Reducing Condi				on National Hydric Soils List			
	]Gleyed or Low-0	Chroma Colors	□Othe	ıer (Ex	plain in Remarks)			
Remarks: T	his site meets the	e criteria for hydric so	oils.					
WETL	AND DETER	RMINATION						
Hydrophytic	Vegetation Prese	ent? Xes	□No I	Is this	Sampling Point Within a V	Netland?	☐ Yes	⊠No
Wetland Hyd	drology Present?	☐ Yes	⊠No					
Hydric Soils	Present?		□No					
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 22
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Eriochloa punctata	Н	FACW-	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Polygonum hydropiperoides	Н	OBL	11.				
4.	Paspalum urvillei	Н	FAC	12.				
5.	Schizachryium scoparium	Н	FACU+	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.					

☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Data Aerial Parts Aeriables	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated  ☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 11 (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: 10 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	1

Map Unit Name			Drainage Class:				
(Series and Phase):			Field Observations				
Taxonomy (Subgroup):			Confirm Mapped type?	☐ Yes	⊠No*		
					*Soils were not determin scientist.	ned by a professional	soil
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Clay loar	m
1							
Sulfidic Odor Organic St Aquic Moisture Regime Listed on L Reducing Conditions Listed on N					ns anic Content in Surface La streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	ayer in Sandy Soils	
WETL	WETLAND DETERMINATION						
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes	□No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 23
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Eriochloa punctata	Н	FACW-	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Rubus trivialis	Н	FAC	11.				
4.	Paspalum urvillei	Н	FAC	12.				
5.	Cirsium horridulum	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

□Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:						
☐Stream, Lake, or Tide Gauge		Primary Indicators:						
		⊓Inundated						
Other		Saturated in Upper 12 Inches						
<b>—</b> • • •		·       =						
☐No Recorded Data Available		☐Water Marks						
		☐Drift Lines						
Field Observations:		Sediment Deposits						
		☐Drainage patterns in Wetlands						
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):						
Bopar or Canaco Water.	(111.)	⊠Oxidized Root Channels in Upper 12 inches						
Donath to Free Weter in Dit.	(: \	- ''						
Depth to Free Water in Pit: none	(in.)							
		☐Local Soil Survey Data						
Depth to Saturated Soil: none	(in.)	□FAC-Neutral Test						
.,	( /	Other (Explain in Remarks)						
Remarks: This site does not meet the criteria for	r wetland hydrolog	gy.						
	,	··						
L								

Map Unit Name			Drainage Class:				
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes      ⊠No*	
						ned by a professional soil	
					scientist.		
Profile Desc	ription:				•		
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Clay loam	
<b> </b>							
Hydric Soil Ir	ndicators:						
	Histosol			oncretio			
	Histic Epipedon				nic Content in Surface La	yer in Sandy Soils	
_	Sulfidic Odor	D			treaking in Sandy Soils		
	Aquic Moisture I		∐Lis	sted on	Local Hydric Soils List National Hydric Soils List		
	Reducing Condi				Explain in Remarks)		
	Oleyed of Low-C	Jilioma Colors	Пог	iiei (LX	piairi iri ixemarks)		
Remarks: T	his site meets th	e criteria for hydric so	oils.				
WETL	AND DETER	RMINATION					
	Vegetation Pres		□No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ☐ No	
	Irology Present?		⊠No				
Hydric Soils	Present?		□No				
Remarks: T	his sita is not loc	ated within a wetland	due to the lack (	of wetla	nd hydrology		
Remarks: This site is not located within a wetland due to the lack of wetland					na riyarology.		

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 24
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator			
1.	Eriochloa punctata	Н	FACW-	9.					
2.	Juncus effusus	Н	OBL	10.					
3.	Setaria geniculata	Н	FAC	11.					
4.	Paspalum urvillei	Н	FAC	12.					
5.	Cirsium horridulum	Н	FAC	13.					
6.				14.					
7.				15.					
8.				16.					
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%									
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.								

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		☐Inundated
□Other		Saturated in Upper 12 Inches
□No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		☐Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
'	` ,	⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 13	(in.)	☐Water-Stained Leaves
'	,	Local Soil Survey Data
Depth to Saturated Soil: 11	(in.)	☐FAC-Neutral Test
	` '	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	d hydrology.	1
Transaction and the street world for world for	- ··, ·· · · · · · · · · · · · · · · · ·	

Map Unit Name					Drainage Class:				
(Series and Phase):				Field Observations					
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	3	⊠No*		
	<u> </u>				*Soils were not determing	ned by a profe	essional s	oil	
					scientist.				
Profile Desc	cription:								
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Co		5,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, e	etc.		
0-2		10YR3/2	5YR4/6		Many, fine, distinct	Fine	e sandy lo	am	
2-4		10YR5/2	5YR4/6		Many, small, distinct	S	andy loar	n	
4-16		10YR4/2	5YR4/6		Many, small, distinct	Clay loam		ı	
Hydric Soil II	ndicators:								
_	le er er								
_	Histosol			oncretio					
	Histic Epipedon				ganic Content in Surface Layer in Sandy Soils				
_	Sulfidic Odor	Danilara			ic Streaking in Sandy Soils				
	Aquic Moisture I				d on Local Hydric Soils List d on National Hydric Soils List				
	Reducing Condi				(Explain in Remarks)				
	]Gleyed or Low-0	onroma Colors		.ner (Ex	piain in Remarks)				
Pomarke: T	his site mosts th	e criteria for hydric so	oile						
Remarks. 1	ilis site illeets til	e ciliena foi fiyunc si	JII5.						
WETI	AND DETER	MINIATION							
VVEIL	AND DETER	RIVINATION							
Libration in the 2000	Manada Can B			L. L. alex	On and Provide Date ( MCC)	A/	N		
	Vegetation Pres		□No	is this	Sampling Point Within a \	/vetland?	Yes	□No	
	drology Present?		□No	1					
Hydric Soils	Present?		□No	1					
				İ					
Domorko: T	hia aita ia lacata	d within a watland							
remarks: I	emarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 25
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Rubus trivialis	Н	FAC	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Setaria geniculata	Н	FAC	11.				
4.	Paspalum urvillei	Н	FAC	12.				
5.	Polygonum hydropiperoides	Н	OBL	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:				
(Series and Phase):					Field Observations				
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	⊠No*		
					*Soils were not determine scientist.	ned by a professiona	l soil		
Profile Desc	cription:								
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.			
0-16		10YR4/1	5YR4/6		Many, small, distinct	Clay loa	ım		
☐Sulfidic Odor ☐Orga ☐Aquic Moisture Regime ☐Liste ☐Reducing Conditions ☐Liste					ns Inic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	,			
WETLAND DETERMINATION									
Hydrophytic Vegetation Present?				Is this	Sampling Point Within a \	Wetland?   Yes	s ⊠No		
Remarks: T	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 26
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
Cirsium horridulum	Н	FAC	9.				
2. Juncus effusus	Н	OBL	10.				
3. Polygonum hydropiperoides	Н	OBL	11.				
4. Paspalum urvillei	Н	FAC	12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%							
Remarks: This site meets the criteria for hydrophytic vegetation.							

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>		Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated  ☐Saturated in Upper 12 Inches ☐Water Marks				
Field Observations:		☐ Drift Lines ☐ Sediment Deposits ☐ Deposits				
Depth of Surface Water: none	(in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required):				
Depth to Free Water in Pit: 13	(in.)	<ul><li>✓ Oxidized Root Channels in Upper 12 inches</li><li>✓ Water-Stained Leaves</li><li>✓ Local Soil Survey Data</li></ul>				
Depth to Saturated Soil: 12	(in.)	FAC-Neutral Test Other (Explain in Remarks)				
Remarks: This site meets the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:			
(Series and Phase):				Field Observations				
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	S	⊠No*
					*Soils were not determing scientist.	ned by a prof	essional s	oil
Profile Des	cription:							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	)	Mottle Abundance/Contrast	Texture, C Structure,		;,
0-16		10YR4/2	5YR4/6		Many, small, distinct		Clay loam	
Sulfidic Odor Organ Aquic Moisture Regime Listed Reducing Conditions				gh Orga rganic S sted on sted on	ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	yer in Sandy	, Soils	
WETI	WETLAND DETERMINATION							
	Vegetation Presidrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 27
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Cirsium horridulum	Н	FAC	9.			
2.	Juncus effusus	Н	OBL	10.			
3.	Polygonum hydropiperoides	Н	OBL	11.			
4.	Cynodon dactylon	Н	FACU+	12.			
5.	Carya illionoiensis	Т	FAC+	13.			
6.	Rubus trivialis	Н	FAC	14.			
7.	Eriochloa punctata	Н	FACW-	15.			
8.	Lonicera japonica	Н	FAC	16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 8/8 = 100%							
Remarks: This site meets the criteria for hydrophytic vegetation.							

	s):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gau	ge		Primary Indicators:
			☐Inundated
Other			☐Saturated in Upper 12 Inches
■No Recorded Data Available			☐Water Marks
			☐Drift Lines
Field Observations:			Sediment Deposits
			☐Drainage patterns in Wetlands
Depth of Surface Water:	none	(in.)	Secondary Indicators (2 or more required):
·		` ,	
Depth to Free Water in Pit:	none	(in.)	☐Water-Stained Leaves
·		` '	☐Local Soil Survey Data
Depth to Saturated Soil:	none	(in.)	☐FAC-Neutral Test
		( )	Other (Explain in Remarks)
Remarks: This site does not meet the o	criteria for	wetland hydrolog	IV.
			n.
Field Observations:  Depth of Surface Water:	none	(in.) (in.) (in.)  wetland hydrolog	□ Drift Lines □ Sediment Deposits □ Drainage patterns in Wetlands Secondary Indicators (2 or more required): □ Oxidized Root Channels in Upper 12 inches □ Water-Stained Leaves □ Local Soil Survey Data □ FAC-Neutral Test □ Other (Explain in Remarks)

Map Unit Name					Drainage Class:				
(Series and Phase):					Field Observations				
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	⊠No*		
					*Soils were not determine scientist.	ned by a professiona	l soil		
Profile Desc	cription:								
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.			
0-16		10YR4/1	5YR4/6		Many, small, distinct	Clay loa	ım		
☐Sulfidic Odor ☐Orga ☐Aquic Moisture Regime ☐Liste ☐Reducing Conditions ☐Liste					ns Inic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	,			
WETLAND DETERMINATION									
Hydrophytic Vegetation Present?				Is this	Sampling Point Within a \	Wetland?   Yes	s ⊠No		
Remarks: T	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 28
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Polygonum hydropiperoides	Н	OBL	11.				
4.	Setaria geniculata	Н	FAC	12.				
5.	Carya illionoiensis	Т	FAC+	13.				
6.	Rubus trivialis	Н	FAC	14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/6 = 100%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

<ul> <li>☐ Recorded Data (Describe in Remarks):</li> <li>☐ Stream, Lake, or Tide Gauge</li> <li>☐ Aerial Photographs</li> <li>☐ Other</li> <li>☐ No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators: Primary Indicators: □Inundated □Saturated in Upper 12 Inches □Water Marks					
INO NECOTACA Data Available	□ Water Marks □ Drift Lines					
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands					
Depth of Surface Water: none (i	Secondary Indicators (2 or more required):     ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: 10 (i	I.) ☐Water-Stained Leaves ☐Local Soil Survey Data					
Depth to Saturated Soil: 9 (ii	· = '					
Remarks: This site meets the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type? ☐ Yes ☐ No*			⊠No*
					*Soils were not determing scientist.	ned by a prof	essional s	oil
Profile Des	cription:							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	)	Mottle Abundance/Contrast	Texture, C Structure,		;,
0-16		10YR4/2	5YR4/6		Many, small, distinct		Clay loam	
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture I Reducing Condi Gleyed or Low-C	rganic S sted on sted on	ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	yer in Sandy	, Soils			
WETI	WETLAND DETERMINATION							
	Vegetation Presidrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 29
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Polygonum hydropiperoides	Н	OBL	11.				
4.	Cynodon dactylon	Н	FACU+	12.				
5.	Carya illionoiensis	Т	FAC+	13.				
6.	Liquidambar styraciflua	Т	FAC	14.				
7.	Ulmus americana	Т	FAC	15.				
8.	Lonicera japonica	Н	FAC	16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 7/8= 88%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

<ul> <li>☐ Recorded Data (Describe in Remarks):</li> <li>☐ Stream, Lake, or Tide Gauge</li> <li>☐ Aerial Photographs</li> <li>☐ Other</li> <li>☐ No Recorded Data Available</li> </ul>		Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks					
		☐Drift Lines					
Field Observations:		Sediment Deposits					
		☐Drainage patterns in Wetlands					
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):					
Depth to Free Water in Pit: none	(in.)	☐Water-Stained Leaves					
		☐Local Soil Survey Data					
Depth to Saturated Soil: none	(in.)	☐FAC-Neutral Test					
		☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for	wetland hydrolog	yy.					

Map Unit Name					Drainage Class:				
(Series and Phase):					Field Observations				
Taxonomy (Subgroup):					Confirm Mapped type? ☐ Yes ☐ No*				
					*Soils were not determing scientist.	ned by a professiona	l soil		
Profile Desc	cription:								
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.			
0-16		10YR4/2	5YR4/6		Many, small, distinct	Clay loa	ım		
Sulfidic Odor Orga Aquic Moisture Regime Liste Reducing Conditions Liste					ns Inic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)				
WETLAND DETERMINATION									
Hydrophytic Vegetation Present?					Sampling Point Within a \	Wetland? ☐ Yes	s ⊠No		
Remarks: T	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 30
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Polygonum hydropiperoides	Н	OBL	11.				
4.	Cynodon dactylon	Н	FACU+	12.				
5.	Carya illionoiensis	Т	FAC+	13.				
6.	Solidago sp.	Н		14.				
7.	Ulmus americana	Т	FAC	15.				
8.	Cirsium horridulum	Н	FAC	16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/8= 75%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		☐Inundated
□Other		Saturated in Upper 12 Inches
□No Recorded Data Available		☐Water Marks
		□ Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: non	e (in.)	Secondary Indicators (2 or more required):
.,	- ( )	
Depth to Free Water in Pit: 12	(in.)	☐Water-Stained Leaves
2001.101.1001.1011.1111.111	()	□Local Soil Survey Data
Depth to Saturated Soil: 11	(in.)	□ FAC-Neutral Test
Dopur to Catarated Com.	(111.)	Other (Explain in Remarks)
Remarks: This site meets the criteria for wet	land hydrology	1
Themains. This site meets the chiena for wer	iana nyarology.	

Map Unit Name				Drainage Class:				
(Series and	Phase):				Field Observations			
Taxonomy (	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			⊠No*
					*Soils were not determin scientist.	ned by a profe	essional so	oil
Profile Des	cription:							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist	)	Mottle Abundance/Contrast	Texture, Co Structure, e		,
0-16		10YR4/1	5YR4/6		Many, small, distinct	(	Clay loam	
☐ Histic Epipedon ☐ Histic Epipedon ☐ Histic Codor ☐ O ☐ Aquic Moisture Regime ☐ Li ☐ Reducing Conditions ☐ Li			Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)					
		•						
WETLAND DETERMINATION								
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a \	Wetland?	⊠ Yes	□No
Remarks: I	Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 31
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator			
Paspalum urvillei	Н	FAC	9.					
2. Schizachryium scoparium	Н	FACU+	10.					
Cynodon dactylon	Н	FACU+	11.					
4.			12.					
5.			13.					
6.			14.					
7.			15.					
8.			16.					
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 1/3= 33%								
Remarks: This site does not meet the	Remarks: This site does not meet the criteria for hydrophytic vegetation.							

<b>—</b>		
□Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		⊓Inundated
Other		Saturated in Upper 12 Inches
<b>—</b> • • •		·       =
☐No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
Bopar or Canaco Water.	(111.)	⊠Oxidized Root Channels in Upper 12 inches
Donath to Free Weter in Dit.	(: \	- ''
Depth to Free Water in Pit: none	(in.)	
		☐Local Soil Survey Data
Depth to Saturated Soil: none	(in.)	□FAC-Neutral Test
.,	( /	Other (Explain in Remarks)
Remarks: This site does not meet the criteria for	r wetland hydrolog	gy.
	,	··
L		

Map Unit Name				Drainage Class:		
(Series and I	Phase):				Field Observations	
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes      ⊠No*
					*Soils were not determin scientist.	ned by a professional soil
Profile Desc	cription:					
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.
0-16		10YR4/2	5YR4/6		Many, small, distinct	Clay loam
Hydric Soil Indicators:    Histosol						
WETL	AND DETER	RMINATION				
	Vegetation Presedrology Present? Present?		⊠No ⊠No □No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No
Remarks: T	his site is not loc	ated within a wetland	due to the lack of	of hydro	phytic vegetation and wet	land hydrology.

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 32
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Schizachryium scoparium	Н	FACU+	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Erodium texanum	Н		12.				
5.	Cirsium horridulum	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 2/5 = 40%							
Rei	Remarks: This site does not meet the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
	☐Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	□ Drift Lines
Field Observations:	Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
,	⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves
( )	Local Soil Survey Data
Depth to Saturated Soil: none (in.)	□FAC-Neutral Test
2 op in to catalage com the total	Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrological	uv
Tribunding Tribund and added the tribund to worlding try arole	97.

Map Unit Name					Drainage Class:		
(Series and I					Field Observations		
_	Taxonomy (Subgroup):			Confirm Mapped type?	☐ Yes	*	
, (1	3 - 1 /					ned by a professional soil	
					scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-8		10YR4/2	5YR4/6		Many, small, distinct	Clay loam	
8-16		10YR2/1	5YR4/6		Many, small, distinct	Clay loam	
Hydric Soil Ir	ndicators:						
Tiyano oc	idioatoro.						ļ
l 🗆	Histosol		□Со	ncretio	ns		ļ
l 🗆	Histic Epipedon		⊟Hig	gh Orga	h Organic Content in Surface Layer in Sandy Soils		
	Sulfidic Odor			ganic Streaking in Sandy Soils			
	Aquic Moisture F				Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
	Gleyed or Low-C	Chroma Colors	□Oth	ner (Ex	er (Explain in Remarks)		
Remarks: Ti	his site meets the	e criteria for hydric s	oils.				
\A/ETI	AND DETER	MINIATION					
WEIL	AND DETER	MINATION					
					0 " " " " " " " " " " " " " " " " " " "		
	Vegetation Prese		⊠No	is this	Sampling Point Within a \	Wetland? ☐ Yes ☑N	0
	Irology Present?	☐ Yes ⊠ Yes	⊠No				
Hydric Soils	Present?		□No				
Remarks: Th	his site is not loc	ated within a wetland	d due to the lack o	f hydro	phytic vegetation and wet	tland hydrology.	

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 33
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Eriochloa punctata	Н	FACW-	10.				
3.	Carex sp.	Н		11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Polygonum hydropiperoides	Н	OBL	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%								
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>		Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:		☐Drift Lines ☐Sediment Deposits
Tiola Obcorvatione.		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 3	(in.)	☐Water-Stained Leaves
Depth to Saturated Soil: 2	(in.)	☐Local Soil Survey Data ☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetlan	nd hydrology.	1

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	S	⊠No*
					*Soils were not determing scientist.	ned by a prof	essional s	oil
Profile Des	cription:							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	)	Mottle Abundance/Contrast	Texture, C Structure,		;,
0-16		10YR4/2	5YR4/6		Many, small, distinct		Clay loam	
☐ Sulfidic Odor ☐ Organic ☐ Aquic Moisture Regime ☐ Listed o☐ ☐ Reducing Conditions ☐ Listed o					ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	yer in Sandy	, Soils	
WETI	WETLAND DETERMINATION							
	Vegetation Presidrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 34
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Carex sp.	Н		11.				
4.	Paspalum notatum	Н	FAC	12.				
5.	Polygonum hydropiperoides	Н	OBL	13.				
6.	Solidago sp.	Н		14.				
7.	Erodium texanum	Н		15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/7 = 57%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

<b>—</b>		
□Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		⊓Inundated
Other		Saturated in Upper 12 Inches
<b>—</b> • • •		·       =
☐No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
Bopar or Canaco Water.	(111.)	⊠Oxidized Root Channels in Upper 12 inches
Donath to Free Weter in Dit.	(: \	- ''
Depth to Free Water in Pit: none	(in.)	
		☐Local Soil Survey Data
Depth to Saturated Soil: none	(in.)	□FAC-Neutral Test
.,	( /	Other (Explain in Remarks)
Remarks: This site does not meet the criteria for	r wetland hydrolog	gy.
	,	··
L		

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	⊠No*	
					*Soils were not determing scientist.	ned by a professiona	l soil	
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.		
0-16		10YR4/2	5YR4/6		Many, small, distinct	Clay loa	ım	
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture I Reducing Condi Gleyed or Low-C	Regime tions	ganic S sted on l sted on l	ns Inic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)				
WETLAND DETERMINATION								
Hydrophytic Vegetation Present?					Sampling Point Within a \	Wetland? ☐ Yes	s ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 35
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Carex sp.	Н		11.				
4.	Paspalum notatum	Н	FAC	12.				
5.	Schizachyrium scoparium	Н	FACU+	13.				
6.	Solidago sp.	Н		14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/6 = 50%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:			
(Series and Phase):					Field Observations		
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	⊠No*
					*Soils were not determing scientist.	ned by a professiona	l soil
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-11		10YR4/2	5YR4/6		Many, small, distinct	Clay loa	ım
11-16		10YR5/4	5YR4/6		Many, small, distinct	Clay loa	ım
Hydric Soil Indicators:    Histosol							
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?						No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 36
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	Н	FAC	9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Polygonum hydropiperoides	Н	OBL	11.				
4.	Paspalum notatum	Н	FAC	12.				
5.	Schizachyrium scoparium	Н	FACU+	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determin scientist.	ned by a profess	ional soil
Profile Desc	ription:		_				
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Cond	retions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-2		10YR4/2	5YR4/6		Many, small, distinct	Cla	y loam
2-4		10YR5/2	5YR4/6		Many, small, distinct	Cla	y loam
4-16		10YR5/4	5YR4/6		Many, small, distinct	Cla	y loam
Hydric Soil Indicators:    Histosol						oils	
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?						Yes ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 37
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Erodium texanum	Н		9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Rubus trivialis	Н	FAC	11.				
4.	Paspalum notatum	Н	FAC	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

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Map Unit Name					Drainage Class:			
(Series and	Phase):				Field Observations			
Taxonomy	(Subgroup):				Confirm Mapped type?	☐ Ye	S	⊠No*
					*Soils were not determin scientist.	ned by a prof	essional s	oil
Profile Des	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C	oncretions	3,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure,		
0-16		10YR4/1	5YR4/6		Many, small, distinct		Clay loam	
☐ Histic Epipedon ☐ Histic Epipedon ☐ O ☐ Sulfidic Odor ☐ O ☐ Aquic Moisture Regime ☐ Li ☐ Reducing Conditions ☐ Li			□Hic □Or: □Lis □Lis	Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)				
Remarks.	THIS SILE THEELS LIT	e citteria foi frydric s	ons.					
WET	WETLAND DETERMINATION							
	: Vegetation Presidence of the Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 38
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Erodium texanum	Н		9.			
2.	Cirsium horridulum	Н	FAC	10.			
3.	Paspalum urvillei	Н	FAC	11.			
4.	Paspalum notatum	Н	FAC	12.			
5.	Polygonum hydropiperoides	Н	OBL	13.			
6.				14.			
7.				15.			
8.				16.			
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%						
Re	marks: This site meets the criteria	a for hydrophytic veç	getation.				

<ul> <li>☐ Recorded Data (Describe in Remarks):</li> <li>☐ Stream, Lake, or Tide Gauge</li> <li>☐ Aerial Photographs</li> <li>☐ Other</li> <li>☐ No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators: Primary Indicators: □Inundated □Saturated in Upper 12 Inches □Water Marks					
No recorded Data Available	□ Drift Lines					
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: 12 (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data					
Depth to Saturated Soil: 11 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site meets the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
				*Soils were not determin	ned by a profession	nal soil	
					scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concre	tions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-3		10YR4/1	5YR4/6		Many, small, distinct	Clay I	
3-8		10YR4/2	5YR4/6		Many, small, distinct	Clay I	oam
8-16		10YR4/2	5YR4/6		Many, large, distinct	Clay I	loam
Hydric Soil Ir	ndicators:						
	lHistosol		ПСо	ncretio	ns		
	Histic Epipedon				Organic Content in Surface Layer in Sandy Soils		
	Sulfidic Odor			ganic Streaking in Sandy Soils			
	Aquic Moisture F	Regime			Local Hydric Soils List		
	Reducing Condi	tions	□Lis	sted on	National Hydric Soils List		
	]Gleyed or Low-0	Chroma Colors	□Ot	her (Ex	plain in Remarks)		
Remarks: T	his site meets the	e criteria for hydric so	oils.				
WETL	AND DETER	RMINATION	<del></del>				
I le calma m la catina	Variation Duos	+0 N/	□N <sub>2</sub>	la 4lata	Complian Daint Within a V	Mada: 40 🖂 V	/aa □Na
	Vegetation Presedrology Present?		□No □No	is this	Sampling Point Within a \	Netland? ⊠ Y	′es □No
Hydric Soils		⊠ Yes ⊠ Yes	□No				
Tiyunc Sons	rieseiit!	△ 162					
Remarks: T	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 39
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Erodium texanum	Н		9.			
2.	Cirsium horridulum	Н	FAC	10.			
3.	Rubus trivialis	Н	FAC	11.			
4.	Paspalum notatum	Н	FAC	12.			
5.	Solidago sp.	Н		13.			
6.	Schizachyrium scoparium	Н	FACU+	14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/6 = 50%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.				

⊠Recorded Data (Describe in Remarks):  □Stream, Lake, or Tide Gauge  ⊠Aerial Photographs □Other □No Recorded Data Available		Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none (	(in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: none (	(in.)	☐Water-Stained Leaves
		Local Soil Survey Data
Depth to Saturated Soil: none	(in.)	FAC-Neutral Test
		Other (Explain in Remarks)
Remarks: This site does not meet the criteria for we	etland hydrolog	yy.

Map Unit Name			Drainage Class:				
(Series and Phase):			Field Observations				
Taxonomy (Subgroup):			Confirm Mapped type?	☐ Yes	⊠No*		
					*Soils were not determing scientist.	ned by a professiona	al soil
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ons,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-6		10YR4/2	5YR4/6		Many, small, distinct	Clay loa	am
6-16		10YR4/2	5YR4/6		Many, large, distinct	Clay loa	am
Hydric Soil Indicators:    Histosol					anic Content in Surface La streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List	ayer in Sandy Soils	
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?  Wetland Hydrology Present?  Hydric Soils Present?  Yes No Yes No Yes No Yes No							
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 40
(If needed, explain on reverse)			Alt G, Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Ulmus americana	T	FAC	9.			
2.	Celtis laevigata	Т	FAC	10.			
3.	Smilax rotundifolia	H/V	FAC	11.			
4.	Quercus nigra	T/S	FAC+	12.			
5.	Lonicera japonica	H/V	FAC	13.			
6.	Chasmanthium latifolium	Н	FAC	14.			
7.	Elymus canadensis	Н	OBL	15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 7/7 = 100%							
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.				

HIDROLOGI	
Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
⊠Aerial Photographs	∐Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	☐Drift Lines
Field Observations:	☐Sediment Deposits
	□ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: none (in.)	
	☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test
	☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrological	gy. This site is located adjacent to a Stevenson Branch, a water of
the U.S. with an ordinary high water mark of approximately 10 fee	t.
1	

SUILS	<u>,                                      </u>						
Map Unit Name					Drainage Class:		
(Series and I	Phase):				Field Observations		
Taxonomy (S					Confirm Mapped type?	☐ Yes      ⊠No*	
					*Soils were not determine	ned by a professional soil	
					scientist.	, .	
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-2		5YR3/3	5YR4/6		Common, small, distinct	Fine sandy loam	
2-10		7.5YR4/4	5YR4/6		Common, small, distinct	Fine sandy loam	
10-16		5YR4/6	5YR4/6		Common, small, distinct	Fine sandy loam	
Hydric Soil Indicators:    Histosol							
WETL	AND DETER	MINATION					
	Vegetation Prese drology Present? Present?		□No ⊠No ⊠No	Is this	Sampling Point Within a	Wetland? ☐ Yes ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 41
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Paspalum sp.	Н		12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.	Juncus effusus	Н	OBL	14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/6 = 67%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.					

	s):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gau	ge		Primary Indicators:
			☐Inundated
Other			☐Saturated in Upper 12 Inches
■No Recorded Data Available			☐Water Marks
			☐Drift Lines
Field Observations:			Sediment Deposits
			☐Drainage patterns in Wetlands
Depth of Surface Water:	none	(in.)	Secondary Indicators (2 or more required):
·		` ,	
Depth to Free Water in Pit:	none	(in.)	☐Water-Stained Leaves
·		` '	☐Local Soil Survey Data
Depth to Saturated Soil:	none	(in.)	☐FAC-Neutral Test
		( )	Other (Explain in Remarks)
Remarks: This site does not meet the o	criteria for	wetland hydrolog	IV.
			n.
Field Observations:  Depth of Surface Water:	none	(in.) (in.) (in.)  wetland hydrolog	□ Drift Lines □ Sediment Deposits □ Drainage patterns in Wetlands Secondary Indicators (2 or more required): □ Oxidized Root Channels in Upper 12 inches □ Water-Stained Leaves □ Local Soil Survey Data □ FAC-Neutral Test □ Other (Explain in Remarks)

Map Unit Name				Drainage Class:			
(Series and I	Pha <u>se):</u>				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes    ⊠No*	
					*Soils were not determing scientist.	ned by a professional soil	
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
Hydric Soil Indicators:    Histosol							
WETL	WETLAND DETERMINATION						
	Vegetation Presedrology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 42
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
Depth of Surface Water: none (in	
Depth to Free Water in Pit: 12 (in	
Depth to Saturated Soil: 11 (in	□ Local Soil Survey Data □ FAC-Neutral Test □ Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hyd	rology.

Map Unit Name			Drainage Class:				
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
			*Soils were not determin scientist.	ned by a professional soil			
Profile Desc	ription:						
Depth	·	Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR3/4		Many, small, distinct	Fine sandy loam	
☐Sulfidic Odor ☐Organic Stre ☐Aquic Moisture Regime ☐Listed on Loc ☐Reducing Conditions ☐Listed on Na					ns unic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	
WETLAND DETERMINATION							
	Vegetation Prese Irology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes □No	
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 43
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

Map Unit Name				Drainage Class:			
(Series and I	Pha <u>se):</u>				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
			*Soils were not determined by a professional soil scientist.				
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
Hydric Soil Indicators:    Histosol						,	
WETLAND DETERMINATION							
	Vegetation Presedrology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 44
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Paspalum notatum	Н	FAC	9.			
2.	Rubus Iouisianus	Н	FACW-	10.			
3.	Cynodon dactylon	Н	FACU+	11.			
4.	Juncus effusus	Н	OBL	12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.	Cirsium horridulum	Н	FAC	14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/6 = 83%						
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.				

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		Inundated
Other		Saturated in Upper 12 Inches
☐No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
'	,	⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 13	(in.)	☐Water-Stained Leaves
.,	( /	☐Local Soil Survey Data
Depth to Saturated Soil: 11	(in.)	☐FAC-Neutral Test
	()	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetlan	d hydrology	l
Tromano. This site mode the offend for wellan	a riyarology.	

Map Unit Name					Drainage Class:		
(Series and	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	
				ned by a professional soil			
				scientist.			
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
Sulfidic Odor Organic S Aquic Moisture Regime Listed on Reducing Conditions Listed on				gh Orga ganic S ted on ted on	ons anic Content in Surface La Streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	
WETLAND DETERMINATION							
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes □No	
Remarks: T	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 45
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.					

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name			Drainage Class:				
(Series and I	Pha <u>se):</u>				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
			*Soils were not determing scientist.	ned by a professional soil			
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
☐Sulfidic Odor ☐Organic Str ☐Aquic Moisture Regime ☐Listed on L ☐Reducing Conditions ☐Listed on N					ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	
WETLAND DETERMINATION							
	Vegetation Presedrology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 46
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
Paspalum notatum	Н	FAC	9.				
2. Rubus Iouisianus	Н	FACW-	10.				
3. Cynodon dactylon	Н	FACU+	11.				
4. Juncus effusus	Н	OBL	12.				
5. Paspalum urvillei	Н	FAC	13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Remarks: This site meets the criteria for hydrophytic vegetation.							

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>		Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated  ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:		□Drift Lines □Sediment Deposits
Depth of Surface Water: none	(in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 13	(in.)	⊠Oxidized Root Channels in Upper 12 inches  ☐Water-Stained Leaves
Depth to Saturated Soil: 11	(in.)	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	hydrology.	1

Map Unit Name				Drainage Class:				
(Series and	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
				*Soils were not determin scientist.	ed by a prof	essional s	oil	
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C	oncretions	5,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure,	etc.	
0-6		10YR4/2	5YR4/6		Many, small, distinct	Fine	e sandy loa	am
6-16		10YR4/2	5YR4/6		Many, large, distinct	Fine	e sandy loa	am
□ Sulfidic Odor □ Organic St □ Aquic Moisture Regime □ Listed on L □ Reducing Conditions □ Listed on N					ns Inic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	yer in Sandy	<sup>,</sup> Soils	
WETLAND DETERMINATION								
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a \	Vetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 47
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.	Rubus trivialis	Н	FAC	14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/6 = 83%							
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.					

⊠Recorded Data (Describe in Remarks):  ☐Stream, Lake, or Tide Gauge  ☑Aerial Photographs ☐Other	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐ Saturated in Opper 12 mores ☐ Water Marks ☐ Drift Lines					
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

00:20							
Map Unit Name					Drainage Class:		
(Series and I	Phase):			[	Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes      ⊠No*	
,						ned by a professional soil	
					scientist.	<u></u>	
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-6		10YR3/2	5YR3/4		Common, small, distinct	Fine sandy loam	
6-16		10YR4/2	5YR4/6		Many, medium, distinct	Fine sandy loam	
		<u> </u>					
						†	
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture I Reducing Condi Gleyed or Low-C	Regime itions	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)				
WETL	WETLAND DETERMINATION						
	Vegetation Prese drology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a V	Wetland? ☐ Yes ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 48
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.					

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

Map Unit Name			Drainage Class:			
(Series and I	Pha <u>se):</u>				Field Observations	
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes    ⊠No*
					*Soils were not determing scientist.	ned by a professional soil
Profile Desc	ription:					
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam
☐Sulfidic Odor ☐Organic Streaking ☐Aquic Moisture Regime ☐Listed on Local Hy					anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List	,
WETLAND DETERMINATION						
	Vegetation Presedrology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 49
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.					

	s):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gau	ge		Primary Indicators:
			☐Inundated
Other			☐Saturated in Upper 12 Inches
■No Recorded Data Available			☐Water Marks
			☐Drift Lines
Field Observations:			Sediment Deposits
			☐Drainage patterns in Wetlands
Depth of Surface Water:	none	(in.)	Secondary Indicators (2 or more required):
·		` ,	
Depth to Free Water in Pit:	none	(in.)	☐Water-Stained Leaves
·		` '	☐Local Soil Survey Data
Depth to Saturated Soil:	none	(in.)	☐FAC-Neutral Test
		( )	Other (Explain in Remarks)
Remarks: This site does not meet the o	criteria for	wetland hydrolog	IV.
			n.
Field Observations:  Depth of Surface Water:	none	(in.) (in.) (in.)  wetland hydrolog	□ Drift Lines □ Sediment Deposits □ Drainage patterns in Wetlands Secondary Indicators (2 or more required): □ Oxidized Root Channels in Upper 12 inches □ Water-Stained Leaves □ Local Soil Survey Data □ FAC-Neutral Test □ Other (Explain in Remarks)

Map Unit Name			Drainage Class:			
(Series and I	Pha <u>se):</u>				Field Observations	
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes    ⊠No*
					*Soils were not determing scientist.	ned by a professional soil
Profile Desc	ription:					
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam
☐Sulfidic Odor ☐Organic Streaking ☐Aquic Moisture Regime ☐Listed on Local Hy					anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List	,
WETLAND DETERMINATION						
	Vegetation Presedrology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 50
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Paspalum notatum	Н	FAC	9.			
2.	Rubus Iouisianus	Н	FACW-	10.			
3.	Cynodon dactylon	Н	FACU+	11.			
4.	Juncus effusus	Н	OBL	12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.	Rubus trivialis	Н	FAC	14.			
7.	Setaria geniculata	Н	FAC	15.			
8.	Cirsium horridulum	Н	FAC	16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 7/8 = 88%						
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.				

<ul> <li>☐ Recorded Data (Describe in Remarks):</li> <li>☐ Stream, Lake, or Tide Gauge</li> <li>☐ Aerial Photographs</li> <li>☐ Other</li> <li>☐ No Recorded Data Available</li> </ul>		Wetland Hydrology Indicators:  Primary Indicators:  □Inundated  ☑Saturated in Upper 12 Inches  □Water Marks  □Drift Lines
Field Observations:		Sediment Deposits
Depth of Surface Water: none	(in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 13	(in.)	☐Water-Stained Leaves
Depth to Saturated Soil: 11	(in.)	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	hydrology.	1

Map Unit Name			Drainage Class:				
(Series and	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	
7 \ 3 17				ned by a professional soil			
					scientist.		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
☐ Sulfidic Odor ☐ Organic S☐ ☐ Aquic Moisture Regime ☐ Listed on ☐ Reducing Conditions ☐ Listed on					ons anic Content in Surface La Streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	
WETL	WETLAND DETERMINATION						
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes □No	
Remarks: T	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 51
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:			
(Series and I	Pha <u>se):</u>				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determined by a professional soil scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
Hydric Soil Indicators:    Histosol							
WETL	WETLAND DETERMINATION						
	Vegetation Presedrology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 52
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%								
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:				
☐Stream, Lake, or Tide Gauge		Primary Indicators:				
		□Inundated				
□Other		Saturated in Upper 12 Inches				
□No Recorded Data Available		☐Water Marks				
		☐Drift Lines				
Field Observations:		Sediment Deposits				
		☐Drainage patterns in Wetlands				
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):				
	` '	⊠Oxidized Root Channels in Upper 12 inches				
Depth to Free Water in Pit: 14	(in.)	Water-Stained Leaves				
	` '	☐Local Soil Survey Data				
Depth to Saturated Soil: 12	(in.)	☐FAC-Neutral Test				
	()	Other (Explain in Remarks)				
Remarks: This site meets the criteria for wetland hydrology.						
Tromand. The did mode the offend of wellar	ia riyaralagy.					

Map Unit Na	Map Unit Name				Drainage Class:			
(Series and	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
- 1					*Soils were not determined by a professional soil			
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.		
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam		
□Sulfidic Odor □Organic Si □Aquic Moisture Regime □Listed on I □Reducing Conditions □Listed on I					ons anic Content in Surface La Streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,		
WETL	WETLAND DETERMINATION							
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes □No		
Remarks: T	Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 53
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus trivialis	Н	FAC	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.	Cirsium horridulum	Н	FAC	14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/6 = 83%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:		
(Series and	Phase):				Field Observations		
Taxonomy (					Confirm Mapped type? ☐ Yes ☐ No*		
			*Soils were not determined by a professional soil scientist.				
Profile Des	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Cond	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Cla	y loam
	□Sulfidic Odor □Organic □Aquic Moisture Regime □Listed or □Reducing Conditions □Listed or				ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)		bils
WET	LAND DETER	RMINATION					
Hydrophytic Vegetation Present?							
Remarks: 1	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 54
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.					

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

Map Unit Name				Drainage Class:			
(Series and I	Pha <u>se):</u>				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determined by a professional soil scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
Hydric Soil Indicators:    Histosol						,	
WETL	WETLAND DETERMINATION						
	Vegetation Presedrology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No	
Remarks: T	his site is not loc	ated within a wetland	of wetla	nd hydrology.			

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 55
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

# VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
Paspalum notatum	Н	FAC	9.				
2. Paspalum urvillei	Н	FAC	10.				
Cynodon dactylon	Н	FACU+	11.				
4. Juncus effusus	Н	OBL	12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/4 = 75%							
Remarks: This site meets the criteria	a for hydrophytic ve	getation.					

⊠Recorded Data (Describe in Remarks):  □Stream, Lake, or Tide Gauge  ⊠Aerial Photographs □Other □No Recorded Data Available		Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☑Saturated in Upper 12 Inches ☐Water Marks				
		Drift Lines				
Field Observations:		Sediment Deposits				
		☐Drainage patterns in Wetlands				
Depth of Surface Water: n	one (in.)	Secondary Indicators (2 or more required):				
	- "					
Depth to Free Water in Pit: 1:	3 (in.)	Water-Stained Leaves				
		□Local Soil Survey Data				
Depth to Saturated Soil: 1:	2 (in.)	☐FAC-Neutral Test				
		☐Other (Explain in Remarks)				
Remarks: This site meets the criteria for v	vetland hydrolog	ıy.				

Map Unit Name		Drainage Class:	Drainage Class:			
(Series and Phase):			Field Observations			
Taxonomy (Subgroup)	:		Confirm Mapped type?	Confirm Mapped type? ☐ Yes ☐ No*		
		*Soils were not determin scientist.	*Soils were not determined by a professional soil scientist.			
Profile Description:						
Depth	Matrix Color	Mottle Colors	Mottle	Texture, Concretions,		
(Inches) Horizon	( ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	(Munsell Moist)	Abundance/Contrast	Structure, etc.		
0-16	10YR3/2	5YR4/6	Many, small, distinct	Fine sandy loam		
Hydric Soil Indicators:						
∏Histosol		ПСоп	ncretions			
☐Histosof	nedon		h Organic Content in Surface La	over in Sandy Soils		
☐Sulfidic O			ganic Streaking in Sandy Soils			
Aquic Mo	isture Regime		ed on Local Hydric Soils List			
	Conditions		ed on National Hydric Soils List			
☐Gleyed or	Low-Chroma Colors	□Othe	er (Explain in Remarks)			
Remarks: This site me	eets the criteria for hydric s	oils.				
WETLAND D	ETERMINATION					
		<u> </u>				
Hydrophytic Vegetation			Is this Sampling Point Within a V	Wetland? ⊠ Yes □No		
Wetland Hydrology Pre		□No				
Hydric Soils Present?		□No				
				ļ		
Remarks: This site is	located within a wetland.					

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 56
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Panicum virgatum	Н	FACW	9.				
2.	Polygonum hydropiperoides	Н	OBL	10.				
3.	Sedge sp.	Н		11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Dichanthelium sp.	Н		13.				
6.	Panicum capillare	Н	FAC	14.				
7.	Eleocharis smallii	Н	OBL	15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/7 = 71%							
Rei	marks: This site meets the criteria	a for hydrophytic vec	getation.					

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

Map Unit Na	Map Unit Name				Drainage Class:			
(Series and				!	Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*	
				*Soils were not determined by a professional soil				
					scientist.			
Profile Desc	ription:	,			·	_		
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions	÷,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.		
0-16		10YR4/3	5YR4/6		Many, large, distinct	Fine sandy lo	am	
	<u> </u>		<u> </u>					
Hydric Soil Indicators:    Histosol								
WETL	WETLAND DETERMINATION							
Wetland Hyd Hydric Soils	Hydrophytic Vegetation Present?							
Remarks: T	his site is not loc	ated within a wetland	due to the lack	of wetla	nd hydrology and hydric s	oils.		

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 57
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
Polygonum hydropiperoides	Н	OBL	9.			
2. Panicum virgatum	Н	FACW	10.			
Hydrocotyle umbellata	Н	OBL	11.			
4. Panicum capillare	Н	FAC	12.			
5. Paspalum urvillei	Н	FAC	13.			
6.			14.			
7.			15.			
8.			16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%						
Remarks: This site meets the criteria	a for hydrophytic ve	getation.				

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
⊠Aerial Photographs		□Inundated
□Other		Saturated in Upper 12 Inches
□No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
'	,	⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 5	(in.)	☐Water-Stained Leaves
'	( )	Local Soil Survey Data
Depth to Saturated Soil: 3	(in.)	☐FAC-Neutral Test
.,	( )	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	hvdrology.	1
Transaction of the street working	,	

Map Unit Name			Drainage Class:				
(Series and I	Phase):				Field Observations		
Taxonomy (Subgroup):			Confirm Mapped type?	☐ Yes	⊠No*		
					*Soils were not determin scientist.	ned by a profes	sional soil
Profile Description:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Con	cretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc	О.
0-3		2.5Y3/1	7.5Y4/6		Many, small, distinct	Fine s	sandy loam
3-16		10YR4/2	5YR4/6		Many, large distinct	Fine s	sandy loam
Hydric Soil Indicators:    Histosol					yer in Sandy S	oils	
WETLAND DETERMINATION							
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a \	Wetland? [	] Yes ⊠No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 58
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Lonicera japonica	H/V	FAC	9.			
2.	Rubus Iouisianus	H/V	FACW-	10.			
3.	Salix nigra	Т	FACW+	11.			
4.	Liquidambar styraciflua	S	FAC	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Re	marks: This site meets the criteria	a for hydrophytic veg	getation.				

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

Map Unit Name			Drainage Class:			
(Series and I					Field Observations	
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes    ⊠No*
					*Soils were not determin scientist.	ed by a professional soil
Profile Desc	ription:					·
Depth	-	Matrix Color	Mottle Colors		Mottle	Texture, Concretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.
0-6		5YR3/4				Clay loam
6-16		10YR4/3	5YR4/6		Many, medium, distinct	Fine sandy loam
						<u> </u>
Hydric Soil Indicators:    Histosol					yer in Sandy Soils	
WETLAND DETERMINATION						
Wetland Hyd Hydric Soils		☐ Yes ☐ Yes	□No ⊠No ⊠No		Sampling Point Within a V	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 59
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Lonicera japonica	H/V	FAC	9.			
2.	Rubus Iouisianus	Н	FACW-	10.			
3.	Polygonum hydropiperoides	Н	OBL	11.			
4.	Hydrocotyle umbellata	Н	OBL	12.			
5.	Cephalanthus occidentalis	Н	OBL	13.			
6.				14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%						
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.				

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>		Wetland Hydrology Indicators:  Primary Indicators:  □Inundated  ☑Saturated in Upper 12 Inches  □Water Marks  □Drift Lines
Field Observations:		Sediment Deposits
Depth of Surface Water: none	(in.)	☐ Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐ Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 14	(in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: 12	(in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	hydrology.	•

		00:10							
Map Unit Name				Drainage Class:					
(Series and I	Phase):			Field Observations					
Taxonomy (S	Subgroup):			Confirm Mapped type? ☐ Yes ☐No*					
				*Soils were not determined by a professional soil					
			scientist.						
Profile Desc	ription:								
Depth		Matrix Color	Mottle Colors	Mottle Texture, Concretions,					
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	t) Abundance/Contrast Structure, etc.					
0-10		2.5Y3/2	5YR3/4	4 Many, small, distinct Clay loam					
10-16		10YR3/2	5YR3/4	Many, medium, Clay loam distinct					
☐ Histic Epipedon       ☐ High Orga         ☐ Sulfidic Odor       ☐ Organic S         ☐ Aquic Moisture Regime       ☐ Listed on         ☐ Reducing Conditions       ☐ Listed on				Concretions  digh Organic Content in Surface Layer in Sandy Soils  Organic Streaking in Sandy Soils  isted on Local Hydric Soils List  isted on National Hydric Soils List  Other (Explain in Remarks)					
WETLAND DETERMINATION									
	Vegetation Prese Irology Present? Present?	ent?	□No □No □No	Is this Sampling Point Within a Wetland? ⊠ Yes □No					
Remarks: This site is located within a wetland.									

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 60
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Salix nigra	Т	FACW	11.				
4.	Fraxinus pennsylvanica	Т	FACW-	12.				
5.				13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%								
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:				
(Series and Phase):				Field Observations				
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes		
				*Soils were not determin scientist.	ned by a professional soil			
Profile Desc	cription:				00.01.11.01.			
Depth	Ţ.	Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.		
0-5		5YR4/4				Fine sandy loam		
5-11		7.5YR4/4	2.5YR3/6	6	Many, small, distinct	Fine sandy loam		
11-16		7.5YR4/4	2.5YR3/6	6	Many, large, distinct	Fine sandy loam		
Hydric Soil Indicators:    Histosol								
WETL	AND DETER	RMINATION						
Wetland Hyd Hydric Soils		☐ Yes ☐ Yes	□No ⊠No ⊠No		Sampling Point Within a \			
Remarks: TI	Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 61
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

# VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Panicum capillare	Н	FAC	9.				
2.	Rubus trivialis	Н	FAC	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%								
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

<ul> <li>☐ Recorded Data (Describe in Remarks):</li> <li>☐ Stream, Lake, or Tide Gauge</li> <li>☐ Aerial Photographs</li> <li>☐ Other</li> <li>☐ No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated  ☑Saturated in Upper 12 Inches  □Water Marks  □Drift Lines
Field Observations:	Sediment Deposits
Depth of Surface Water: none (in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 14 (in.)	
Depth to Saturated Soil: 12 (in.)	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	1

Map Unit Name					Drainage Class:				
(Series and	d Phase):				Field Observations				
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Ye	S	⊠No*		
					*Soils were not determine scientist.	ned by a prof	fessional s	oil	
Profile Des	scription:								
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	)	Mottle Abundance/Contrast	Texture, C Structure,		÷,	
0-16		10YR4/2	5YR3/4		Many, small, distinct		Clay loam		
[ [ [ [	☐ Histic Epipedon ☐ Sulfidic Odor ☐ Aquic Moisture F ☐ Reducing Condii ☐ Gleyed or Low-C	tions	□ Oı □ Li: □ Li: □ Oı	digh Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)					
Remarks.	This site meets the	e criteria foi riyuric se	Olis.						
WET	WETLAND DETERMINATION								
	c Vegetation Prese ydrology Present? s Present?	ent?	□No □No □No	Is this	Sampling Point Within a	Wetland?	⊠ Yes	□No	
Remarks:	This site is located								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 62
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum capillare	Н	FAC	9.				
2.	Rubus trivialis	Н	FAC	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%								
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:				
(Series and	Phase):				Field Observations			
Taxonomy (	Subgroup):				Confirm Mapped type?	☐ Yes	s	⊠No*
					*Soils were not determined by a professional soil scientist.			oil
Profile Des	cription:							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	)	Mottle Abundance/Contrast	Texture, C Structure,		i,
0-16		10YR4/2	5YR3/4		Many, small, distinct		Clay loam	
☐Sulfidic Odor ☐Organic Str ☐Aquic Moisture Regime ☐Listed on Lo ☐Reducing Conditions ☐Listed on N					ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	/ Soils	
WET	LAND DETER	MINATION						
	Vegetation Presedrology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Netland?	Yes	⊠No
Remarks: T	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 63
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum capillare	Н	FAC	9.				
2.	Rubus trivialis	Н	FAC	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Na	Map Unit Name				Drainage Class:				
(Series and	Phase):				Field Observations				
Taxonomy (	Subgroup):				Confirm Mapped type?	☐ Yes	s	⊠No*	
					*Soils were not determing scientist.	ned by a prof	essional s	oil	
Profile Des	cription:								
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	)	Mottle Abundance/Contrast	Texture, C Structure,		i,	
0-16		10YR4/2	5YR3/4		Many, small, distinct		Clay loam		
□Sulfidic Odor □Organic S □Aquic Moisture Regime □Listed on □ □Reducing Conditions □Listed on □					ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	/ Soils		
WET	WETLAND DETERMINATION								
	Vegetation Presedrology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Netland?	Yes	⊠No	
Remarks: T	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 64
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

# VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum capillare	Н	FAC	9.				
2.	Polugonum hydropiperoides	Н	OBL	10.				
3.	Paspalum urvillei	Н	FAC	11.				
4.	Juncus effusus	Н	OBL	12.				
5.				13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):  ☐Stream, Lake, or Tide Gauge  ☑Aerial Photographs ☐Other	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐ Saturated in Opper 12 mores ☐ Water Marks ☐ Drift Lines					
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	0*	
					*Soils were not determin scientist.	ned by a professional soil		
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	<u> </u>	Abundance/Contrast	Structure, etc.		
0-16		10YR3/2	5YR4/6		Many, small, distinct	Clay loam		
Hydric Soil Indicators:    Histosol								
WETL	WETLAND DETERMINATION							
	Vegetation Presedrology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a V	Wetland? ☐ Yes ⊠N	Ло	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 65
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

#### **VEGETATION**

Dominant Plant S	pecies S	tratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1. Paspalum capillare	9	Н	FAC	9.			
2. Rubus trivialis		Н	FAC	10.			
3. Paspalum urvillei		Н	FAC	11.			
4. Juncus effusus		Н	OBL	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%							
Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:				
☐Stream, Lake, or Tide Gauge		Primary Indicators:				
		□Inundated				
□Other		Saturated in Upper 12 Inches				
☐No Recorded Data Available		☐Water Marks				
		☐ Drift Lines				
Field Observations:		Sediment Deposits				
		☐Drainage patterns in Wetlands				
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):				
	( /	⊠Oxidized Root Channels in Upper 12 inches				
Depth to Free Water in Pit: 13	(in.)	☐Water-Stained Leaves				
	()	☐Local Soil Survey Data				
Depth to Saturated Soil: 12	(in.)	□FAC-Neutral Test				
Boptil to Catalated Coll.	()	Other (Explain in Remarks)				
Remarks: This site meets the criteria for wetland hydrology.						
Tremarks. This site meets the chiena for wetland	rriyarology.					

Map Unit Name					Drainage Class:			
(Series and	Phase):				Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type? ☐ Yes ☐ No*			
					*Soils were not determin scientist.	ned by a profess	sional soil	
Profile Des	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Cond	cretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc		
0-16		10YR3/2	5YR4/6		Many, small, distinct	Cla	y loam	
	Sulfidic Odor □Organic □Aquic Moisture Regime □Listed o □Reducing Conditions □Listed o				ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	ayer in Sandy So	pils	
WET	WETLAND DETERMINATION							
	Vegetation Pres drology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? 🗵	]Yes □No	
Remarks: 1	Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 66
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

#### **VEGETATION**

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
Paspalum capillare	Н	FAC	9.				
2. Juncus effusus	Н	OBL	10.				
3. Paspalum urvillei	Н	FAC	11.				
4.			12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/3 = 100%							
Remarks: This site meets the criteria for hydrophytic vegetation.							

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:	
Depth of Surface Water: none (in	
Depth to Free Water in Pit: 11 (in	. I I I I I I I I I I I I I I I I I I I
Depth to Saturated Soil: 10 (in	· = : : : : : : : : : : : : : : : : : :
Remarks: This site meets the criteria for wetland hyd	ology.

Map Unit Na	Map Unit Name				Drainage Class:		
(Series and	Phase):				Field Observations		
Taxonomy (	(Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determin scientist.	ned by a profess	sional soil
Profile Des	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Cond	cretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc	
0-16		10YR3/2	5YR4/6		Many, small, distinct	Cla	y loam
	Sulfidic Odor □Organi □Aquic Moisture Regime □Listed 0 □Reducing Conditions □Listed 0			gh Orga rganic S sted on I sted on I	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	ayer in Sandy So	pils
WET	WETLAND DETERMINATION						
	Vegetation Pres drology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? 🗵	]Yes □No
Remarks: 1	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 67
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
Paspalum capillare	Н	FAC	9.			
2. Juncus effusus	Н	OBL	10.			
3. Paspalum urvillei	Н	FAC	11.			
4.			12.			
5.			13.			
6.			14.			
7.			15.			
8.			16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/3 = 100%						
Remarks: This site meets the criteria	a for hydrophytic veç	getation.				

<ul> <li>☐ Recorded Data (Describe in Remarks):</li> <li>☐ Stream, Lake, or Tide Gauge</li> <li>☐ Aerial Photographs</li> <li>☐ Other</li> <li>☐ No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated  ☑Saturated in Upper 12 Inches  □Water Marks  □Drift Lines
Field Observations:	Sediment Deposits
Depth of Surface Water: none (in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 11 (in.)	⊠Oxidized Root Channels in Upper 12 inches  ☐ Water-Stained Leaves
Depth to Saturated Soil: 10 (in.)	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	

Map Unit Na	Map Unit Name				Drainage Class:		
(Series and	Phase):				Field Observations		
Taxonomy (	(Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determin scientist.	ned by a profess	sional soil
Profile Des	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Cond	cretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc	
0-16		10YR3/2	5YR4/6		Many, small, distinct	Cla	y loam
	Sulfidic Odor □Organi □Aquic Moisture Regime □Listed 0 □Reducing Conditions □Listed 0			gh Orga rganic S sted on I sted on I	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	ayer in Sandy So	pils
WET	WETLAND DETERMINATION						
	Vegetation Pres drology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? 🗵	]Yes □No
Remarks: 1	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 68
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

Do	ominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1. Pa	aspalum notatum	Н	FAC	9.			
2. Pa	aspalum capillare	Н	FAC	10.			
3. C	Synodon dactylon	Н	FACU+	11.			
4. Ju	uncus effusus	Н	OBL	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/4 = 75%							
Remark	ks: This site meets the criteria	a for hydrophytic veg	getation.				

⊠Recorded Data (Describe in Remarks):  ☐Stream, Lake, or Tide Gauge  ☑Aerial Photographs ☐Other	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐ Saturated in Opper 12 mores ☐ Water Marks ☐ Drift Lines
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	iy.

Map Unit Na	Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
				*Soils were not determin scientist.	ned by a professional soil			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	<u> </u>	Abundance/Contrast	Structure, etc.		
0-16		10YR3/2	5YR4/6		Many, small, distinct	Clay loam		
Hydric Soil Indicators:    Histosol								
WETL	AND DETER	MINATION						
Wetland Hyd	WETLAND DETERMINATION  Hydrophytic Vegetation Present?							
Remarks: The	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 69
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Paspalum capillare	Н	FAC	9.			
2.	Rubus Iouisianus	Н	FACW-	10.			
3.	Polygonum hydropiperoides	Н	OBL	11.			
4.	Juncus effusus	Н	OBL	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.				

⊠Recorded Data (Describe in Remarks):  ☐Stream, Lake, or Tide Gauge  ☑Aerial Photographs ☐Other	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐ Saturated in Opper 12 mores ☐ Water Marks ☐ Drift Lines					
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
				*Soils were not determin scientist.	ned by a professional soil		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	<u> </u>	Abundance/Contrast	Structure, etc.	
0-16		10YR3/2	5YR4/6		Many, small, distinct	Clay loam	
Hydric Soil Indicators:    Histosol							
WETL	AND DETER	MINATION					
	Vegetation Presedrology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a V	Wetland? ☐ Yes ⊠N	Ло
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 70
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

#### **VEGETATION**

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
Paspalum capillare	Н	FAC	9.				
2. Polygonum hydropiperoides	Н	OBL	10.				
3. Juncus effusus	Н	OBL	11.				
4.			12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/3 = 100%							
Remarks: This site meets the criteria	Remarks: This site meets the criteria for hydrophytic vegetation.						

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>		Wetland Hydrology Indicators: Primary Indicators: □Inundated □Saturated in Upper 12 Inches □Water Marks
Field Observations:		☐ Drift Lines ☐ Sediment Deposits
Depth of Surface Water: none	(in.)	□ Drainage patterns in Wetlands Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 14	(in.)	
Depth to Saturated Soil: 12	(in.)	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)
Remarks: This site meets the criteria for wetlan	d hydrology.	

Map Unit Name					Drainage Class:			
(Series and	Phase):				Field Observations			
Taxonomy (	(Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
				*Soils were not determin scientist.	ned by a profess	sional soil		
Profile Des	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Cond	cretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc		
0-16		10YR3/2	5YR4/6		Many, small, distinct	Cla	y loam	
	Sulfidic Odor □Organic □Aquic Moisture Regime □Listed c □Reducing Conditions □Listed c			gh Orga rganic S sted on I sted on I	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	ayer in Sandy So	pils	
WET	WETLAND DETERMINATION							
	Vegetation Pres drology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? 🗵	]Yes □No	
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 71
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

# VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator			
Polygonum hydropiperoides	Н	OBL	9.					
2. Juncus effusus	Н	OBL	10.					
3. Paspalum urvillei	Н	FAC	11.					
4.			12.					
5.			13.					
6.			14.					
7.			15.					
8.			16.					
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/3 = 100%								
Remarks: This site meets the criteria	Remarks: This site meets the criteria for hydrophytic vegetation.							

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☐Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated  ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
Depth of Surface Water: none (in.	
Depth to Free Water in Pit: 13 (in.	
Depth to Saturated Soil: 12 (in.	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydr	ology.

Map Unit Na					Drainage Class:			
(Series and I	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes		⊠No*
					*Soils were not determing	ned by a profe	ssional so	oil
<u> </u>					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Co	ncretions	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, et	tc.	· 1
0-8		10YR3/2	5YR4/6		Many, small, distinct		lay loam	
8-16		10YR4/1	5YR3/4		Many, large, distinct		lay loam	
					, , , , ,	†		
						†		
						†		
					l.			
Hydric Soil Ir	ndicators:							
l 🗆	Histosol		□Co	ncretio	ns			
	Histic Epipedon		∏Hiç	gh Orga	ganic Content in Surface Layer in Sandy Soils			
	Sulfidic Odor		□Or	ganic S	Streaking in Sandy Soils			
l 🗆	Aquic Moisture F	Regime			Local Hydric Soils List			
	Reducing Condi				National Hydric Soils List			
	Gleyed or Low-C				er (Explain in Remarks)			
				`	,			
Remarks: T	his site meets the	e criteria for hydric so	oils.					
		·						
WETL	AND DETER	RMINATION						
Hydrophytic	Vegetation Prese	ent? X Yes	□No	le thic	Sampling Point Within a \	Motland2	⊠ Yes	П№
	rology Present?		□No	15 11115	Sampling Form Within a	Welland:	△ 162	Пио
Hydric Soils		⊠ Yes	□No					
Tiyunc Sons	riesent!	△ 162						
Pomarke: T	his site is locator	d within a wetland.						
nemarks. H	ins site is located	a withill a wettallu.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 72
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.				13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/4 = 75%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
					*Soils were not determing scientist.	ned by a professiona	l soil
Profile Desc	ription:		_				
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-8		10YR3/2	5YR4/6		Many, small, distinct	Clay loa	ım
8-16		10YR4/1	5YR3/4		Many, large, distinct	Clay loa	ım
Hydric Soil Indicators:    Histosol							
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?							s ⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	$\boxtimes No$	Plot ID: WDP 73
(If needed, explain on reverse)			Alt G, seep in floodplain just S
			of Stevenson Branch

### **VEGETATION**

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.			9.				
2.			10.				
3.			11.				
4.			12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-)							
Remarks: There is no vegetation inside the area – appears to be a seep.							

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
⊠Aerial Photographs	⊠Inundated
□Other	Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	_
Field Observations:	☐Sediment Deposits
	☐Drainage patterns in Wetlands
Depth of Surface Water: 1 (in.)	Secondary Indicators (2 or more required):
· · · · · · · · · · · · · · · · · · ·	
Depth to Free Water in Pit: 0 (in.)	☐Water-Stained Leaves
, ,	Local Soil Survey Data
Depth to Saturated Soil: 0 (in.)	FAC-Neutral Test
	Other (Explain in Remarks)
	_ , , ,
Remarks: This site meets the criteria for wetland hydrology. T	he seep appears to run downhill toward Stevenson Branch, then goes
back underground.	, ,

JOIL	,							
Map Unit Name					Drainage Class:			
(Series and I	Phase):			-	Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*			
					ned by a professional soil			
					scientist.	, ,		
Profile Desc	ription:							
Depth	•	Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.		
0-10		10YR2/1				Fine sandy loam		
10-16		10YR4/2	5YR5/8		Common, small, distinct	Fine sandy loam		
Hydric Soil Ir	ndicators:							
_	Histosol		ПСо	ncretion	00			
	Histic Epipedon				าร nic Content in Surface La	aver in Sandy Soils		
	Sulfidic Odor				reaking in Sandy Soils	Tyel III Gallay Golls		
	Aguic Moisture	Regime			Local Hydric Soils List			
	Reducing Cond				National Hydric Soils List			
	Gleyed or Low-0	Chroma Colors			olain in Remarks)			
	•			` '	,			
Remarks: T	his site meets th	ne criteria for hydric s	oils.					
		<del>,</del>					_	
WETL	AND DETER	RMINATION						
Hydrophytic	Vegetation Pres	ent?	ПNо	Is this	Sampling Point Within a	Wetland? ⊠ Yes □No		
	Irology Present?		□No		oampinig roma rriami a			
Hydric Soils			□No					
-								
		tation exists within th	ne area, this site is	located	l within a wetland becaus	se wetland hydrology and hydrid	;	
soils are pres	sent.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 74
(If needed, explain on reverse)			Alt G, adjacent to seep in
			floodplain just S of Stevenson
			Branch

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Ulmus americana	Т	FAC	9.				
2.	Quercus nigra	Т	FAC+	10.				
3.	llex opaca	S	FACU	11.				
4.	Liquidambar styraciflua	Т	FAC	12.				
5.	Quercus falcate	Т	FACU	13.				
6.	Smilax rotundifolia	H/V	FAC	14.				
7.	Juniperus virginiana	S	FACU-	15.				
8.	Lonicera japonica	H/V	FAC	16.				
	cent of Dominant Species that are = 63%	e OBL, FACW or FA	AC (Excluding	FAC-)		•		
Remarks: This site meets the criteria for hydrophytic vegetation.								

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
Aerial Photographs		П́Inundated
Other		Saturated in Upper 12 Inches
☐No Recorded Data Available		☐Water Marks
		☐ Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
Deput of duriace water.	(111.)	Socialized Root Channels in Upper 12 inches
5 5 5	<i>(</i> 1 )	· · · · · · · · · · · · · · · · · · ·
Depth to Free Water in Pit: none	(in.)	☐Water-Stained Leaves
		☐Local Soil Survey Data
Depth to Saturated Soil: none	(in.)	□FAC-Neutral Test
	()	Other (Explain in Remarks)
Remarks: This site does not meet the criteria for	wetland hydrolo(	gy.

Map Unit Name					Drainage Class:		
(Series and I	Phase):				Field Observations		
Taxonomy (Subgroup):					Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determing scientist.	ned by a profession	al soil
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concret	ions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-10		10YR3/3	5YR3/4		Many, small, distinct	Fine sand	ly loam
10-16		10YR4/3	5YR3/4		Many, small, distinct	Fine sand	ly loam
Hydric Soil Indicators:    Histosol							
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?							es ⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/5/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 75
(If needed, explain on reverse)			Tributary to Duck Creek, Alt G

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Quercus nigra	Т	FAC+	9.				
2.	Quercus falcata	Т	FACU	10.				
3.	Smilax rotundifolia	V	FAC	11.				
4.	Juniperus virginiana	Т	FACU	12.				
5.				13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 2/4 = 50%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

III DKOLOGI	
⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
Aerial Photographs	☐Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	□Drift Lines
Field Observations:	Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
( )	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves
( )	Local Soil Survey Data
Depth to Saturated Soil: none (in.)	□FAC-Neutral Test
	Other (Explain in Remarks)
	_ ` ' '
Remarks: This site does not meet the criteria for wetland hydrological	gy. This site is adjacent to a water of the U.S. with an ordinary
high water mark of approximately 6 feet. Water was present with	
high water mark of approximately 6 feet. Water was present with	in the channel.
1	

Map Unit Name					Drainage Class:			
(Series and	Phase):				Field Observations			
Taxonomy (					Confirm Mapped type?	☐ Yes	;	⊠No*
						ned by a profe	essional s	oil
Profile Des	cription:							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	)	Mottle Abundance/Contrast	Texture, Co Structure, 6		>,
0-16		2.5 YR 3/6		<u>'</u>			sandy lo	am
						†	, , ,	
	T							
Sulfidic Odor □Organic Si □Aquic Moisture Regime □Listed on I □Reducing Conditions □Listed on I					ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	Soils	
WET	WETLAND DETERMINATION							
	Vegetation Preside Vology Present?		□No ⊠No ⊠No	Is this	Sampling Point Within a	Wetland?	☐ Yes	⊠No
Remarks: 7	Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/6/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 76
(If needed, explain on reverse)			Tributary to Prairie Creek,
,			both alternatives

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	V	FAC	9.				
2.	Quercus falcata	Т	FACU	10.				
3.	Smilax rotundifolia	V	FAC	11.				
4.	Juniperus virginiana	Т	FACU	12.				
5.	Liquidambar styraciflua	Т	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/5 = 60%								
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

III DROLOGI						
Recorded Data (Describe in Remarks):  □Stream, Lake, or Tide Gauge □Aerial Photographs □Other □No Recorded Data Available  Field Observations:  Depth of Surface Water: none (in.)  Depth to Free Water in Pit: none (in.)  Depth to Saturated Soil: none (in.)	Wetland Hydrology Indicators: Primary Indicators:    Inundated     Saturated in Upper 12 Inches     Water Marks     Drift Lines     Sediment Deposits     Drainage patterns in Wetlands     Secondary Indicators (2 or more required):   ØOxidized Root Channels in Upper 12 inches     Water-Stained Leaves     Local Soil Survey Data     FAC-Neutral Test     Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology. This site is adjacent to a water of the U.S. with an ordinary high water mark of approximately 6 feet. Water was present within the channel, flowing east. Water was observed seeping out of the sides of the channel (channel is located between two hills) and into creek.						

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*	
					*Soils were not determing	ned by a professional so	lic
					scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions	,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-4		10YR5/8				Sand	
4-8		7.5YR4/6				Sand	
8-16		10YR6/4	7.5YR5/8	3	Few, small, distinct	Sand	
Hydric Soil Indicators:    Histosol							
WETL	WETLAND DETERMINATION						
Hydrophytic Vegetation Present?							⊠No
Remarks: TI	Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/7/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 77
(If needed, explain on reverse)			Tributary to Duck Creek, Alt D

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	V	FAC	9.				
2.	Quercus nigra	Т	FAC+	10.				
3.	Smilax rotundifolia	V	FAC	11.				
4.	Juniperus virginiana	Т	FACU	12.				
5.	Berchemia scandens	V	FAC+	13.				
6.				14.				
7.				15.				
8.				16.				
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

III DKOLOGI	
⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
	Inundated
Other	Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	☐ Drift Lines
Field Observations:	Sediment Deposits
	☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
( )	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	□Water-Stained Leaves
	□Local Soil Survey Data
Depth to Saturated Soil: none (in.)	□FAC-Neutral Test
Dopin to data and dome mone (iii)	Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydro	ology. This site is adjacent to a water of the U.S. with an ordinary
high water mark of approximately 4 feet.	nogy. This site is adjacont to a fraction the site. With all ordinary
Thigh rate man of approximatory 4 root.	

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	⊠No*	
						ned by a professional soi	il	
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.		
0-3		5YR3/3				Fine sandy loar	m	
3-16		2.5YR3/6				Fine sandy loar	m	
Hydric Soil Indicators:    Histosol								
WETL	WETLAND DETERMINATION							
	Vegetation Presedrology Present? Present?		□No ⊠No ⊠No	Is this	Sampling Point Within a	Wetland? ☐ Yes	⊠No	
Remarks: T	his site is not loc	ated within a wetland	due to the lack of	f wetla	nd hydrology and hydric s	soils.		

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/5/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 78
(If needed, explain on reverse)			Non-jurisdictional drainage,
			both alternatives

#### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	V	FAC	9.				
2.	Quercus nigra	Т	FAC+	10.				
3.	Smilax rotundifolia	V	FAC	11.				
4.	Liquidambar styraciflua	Т	FAC	12.				
5.	Berchemia scandens	V	FAC+	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
Aerial Photographs	□Inundated
Other	Saturated in Upper 12 Inches
□No Recorded Data Available	Water Marks
	□Drift Lines
Field Observations:	Sediment Deposits
	☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Bopar of Gariago Water. Horio (iii.)	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	□ Water-Stained Leaves
Deput to Free water in Fig. Hone (iii.)	□ Local Soil Survey Data
Donth to Coturated Cails name (in)	☐ FAC-Neutral Test
Depth to Saturated Soil: none (in.)	
	☐Other (Explain in Remarks)
	gy. This site is adjacent to a channel with a width varying between
2-12 feet (average 4 feet). The channel is located between two hi	Ils and has water pooled in some places. This channel was
determined not to be jurisdictional because of a lack of connectivit	ty to other jurisdictional waters (no significant nexus). It appears to
be an eroded low spot between the hills.	, , , , , , , , , , , , , , , , , , , ,
! ·	

Map Unit Na	Map Unit Name Drainage Class:							
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*		
					*Soils were not determin scientist.	ned by a professiona	al soil	
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ons,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Munsell Moist) Abundance/Contrast Structure, etc.				
0-16		5YR4/6	10YR3/1	10YR3/1 Many, small, distinct Sandy loam				
			<u> </u>					
Hydric Soil Indicators:    Histosol								
\A/E-T-1	4 N.D. D.E.T.E.E.							
WEIL	WETLAND DETERMINATION							
Wetland Hyd Hydric Soils		☐ Yes ☐ Yes	□No ⊠No ⊠No		Sampling Point Within a V		s ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/5/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 79
(If needed, explain on reverse)			Western branch of Tributary
			to Long Brake Creek, both
			alternatives

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	V	FAC	9.				
2.	Quercus nigra	Т	FAC+	10.				
3.	Smilax rotundifolia	V	FAC	11.				
4.	Juniperus virginiana	Т	FACU	12.				
5.	Liquidambar styraciflua	Т	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%								
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

□Stream, Lake, or Tide Gauge □Aerial Photographs □Other □No Recorded Data Available Field Observations:	Ind Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches □Water Marks □Drift Lines □Sediment Deposits □Drainage patterns in Wetlands
☐Other ☐No Recorded Data Available Field Observations:	Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits
□No Recorded Data Available Field Observations:	☐Water Marks ☐Drift Lines ☐Sediment Deposits
Field Observations:	☐Water Marks ☐Drift Lines ☐Sediment Deposits
	Sediment Deposits
Depth of Surface Water: none (in.)	Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	
	Secondary Indicators (2 or more required):
	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves
( )	Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test
( )	Other (Explain in Remarks)
	_ ,
Remarks: This site does not meet the criteria for wetland hydrology. This	s site is adjacent to a water of the U.S. with an ordinary
high water mark of approximately 6 feet.	•

Map Unit Name					Drainage Class:		
(Series and F					Field Observations		
Taxonomy (S	ubgroup):				Confirm Mapped type?	☐ Yes	⊠No*
					*Soils were not determine	ned by a profession	onal soil
					scientist.		
Profile Desc	ription:	·	<del></del>	-	-	<del>.</del>	
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concr	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-16		10YR5/8				Sa	and
Hydric Soil Indicators:    Histosol							
☐ Reducing Conditions ☐ Listed on National Hydric Soils List ☐ Gleyed or Low-Chroma Colors ☐ Other (Explain in Remarks)							
Remarks: Th	is site does not	meet the criteria for	hydric soils.				
WETLAND DETERMINATION							
	egetation Prese		□No	Is this	Sampling Point Within a \	Wetland?	Yes ⊠No
	rology Present?	Yes	⊠No				
Hydric Soils F	resent?	☐ Yes	⊠No				
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/5/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 80
(If needed, explain on reverse)			Eastern branch of Tributary to
			Long Brake Creek, both
			alternatives

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	V	FAC	9.				
2.	Quercus nigra	Т	FAC+	10.				
3.	Smilax rotundifolia	V	FAC	11.				
4.	Juniperus virginiana	Т	FACU	12.				
5.	Liquidambar styraciflua	Т	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		□Inundated
Other		Saturated in Upper 12 Inches
□No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		☐Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
·	, ,	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none	(in.)	☐Water-Stained Leaves
'	` '	Local Soil Survey Data
Depth to Saturated Soil: none	(in.)	☐FAC-Neutral Test
.,	( )	Other (Explain in Remarks)
		_
Remarks: This site does not meet the criteria for	wetland hydrolog	y. This site is adjacent to a water of the U.S. with an ordinary
high water mark of approximately 4 feet.	,	,

Map Unit Name					Drainage Class:		
(Series and F					Field Observations		
Taxonomy (S	ubgroup):				Confirm Mapped type?	☐ Yes	⊠No*
					*Soils were not determine	ned by a profession	onal soil
					scientist.		
Profile Desc	ription:	· · · · · · · · · · · · · · · · · · ·	<del></del>	-	-	<del>.</del>	
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concr	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-16		10YR5/8				Sa	and
Hydric Soil Indicators:    Histosol							
☐ Reducing Conditions ☐ Listed on National Hydric Soils List ☐ Gleyed or Low-Chroma Colors ☐ Other (Explain in Remarks)							
Remarks: Th	is site does not	meet the criteria for	hydric soils.				
WETLAND DETERMINATION							
	egetation Prese		□No	Is this	Sampling Point Within a \	Wetland?	Yes ⊠No
	rology Present?	Yes	⊠No				
Hydric Soils F	resent?	☐ Yes	⊠No				
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/5/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 81
(If needed, explain on reverse)			Tributary to Eastern branch of
			Tributary to Long Brake
			Creek, both alternatives

# **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Chasmanthium latifolium	Н	FAC	9.			
2.	Quercus nigra	Т	FAC+	10.			
3.	Smilax rotundifolia	V	FAC	11.			
4.	Liquidambar styraciflua	Т	FAC	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.						

⊠Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:			
☐Stream, Lake, or Tide Gauge		Primary Indicators:			
		☐Inundated			
Other		☐Saturated in Upper 12 Inches			
■No Recorded Data Available		☐Water Marks			
		☐Drift Lines			
Field Observations:		☐Sediment Deposits			
		☐Drainage patterns in Wetlands			
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):			
		Oxidized Root Channels in Upper 12 inches			
Depth to Free Water in Pit: none	(in.)	☐Water-Stained Leaves			
		☐Local Soil Survey Data			
Depth to Saturated Soil: none	(in.)	☐FAC-Neutral Test			
•	,	☐Other (Explain in Remarks)			
		, , , , , , , , , , , , , , , , , , ,			
Remarks: This site does not meet the criteria for wetland hydrology. This site is adjacent to a water of the U.S. with an ordinary					
high water mark of approximately 3 feet.	,				
3					

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determined by a professional soil scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Conc	retions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	,	Abundance/Contrast	Structure, etc.	
0-16		7.5YR5/8				S	and
I							
Hydric Soil Indicators:    Histosol						ils	
WETLAND DETERMINATION							
	Vegetation Prese Irology Present? Present?		□No ⊠No ⊠No	Is this	Sampling Point Within a \	Wetland?	Yes ⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 82
(If needed, explain on reverse)			Davis Branch, both
			alternatives

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Betula nigra	Т	FACW	9.			
2.	Acer rubrum	Т	FAC	10.			
3.	Smilax rotundifolia	V	FAC	11.			
4.	Ilex vomitoria	S	FAC-	12.			
5.	llex opaca	S	FACU	13.			
6.	Lonicera japonica	V	FAC	14.			
7.	Toxicodendron radicans	V	FAC	15.			
8.	Carex sp.	Н		16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/8 = 63%						
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge	Wetland Hydrology Indicators: Primary Indicators: □Inundated						
⊠Aerial Photographs							
Other	☐Saturated in Upper 12 Inches ☐Water Marks						
☐No Recorded Data Available							
<del></del>							
Field Observations:	Sediment Deposits						
	☐Drainage patterns in Wetlands						
Depth of Surface Water: none (ir	n.) Secondary Indicators (2 or more required):						
	Oxidized Root Channels in Upper 12 inches						
Depth to Free Water in Pit: none (ir	n.) Water-Stained Leaves						
`	Local Soil Survey Data						
Depth to Saturated Soil: none (ir	· = '						
Bopar to Cataratoa Com. Hono (ii	Other (Explain in Remarks)						
Described This wife was to the collection to consider all hou							
Remarks: This site meets the criteria for wetland hyd	Irology. There are clear drift lines and evidence of recent sheet flow.						

Map Unit Name					Drainage Class:			
(Series and F	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*	
			•	*Soils were not determin scientist.	ed by a profes	ssional soil		
Profile Desc	rintion:				30iOitti3t.			
Depth	приот.	Matrix Color	Mottle Colors	1	Mottle	Texture, Cor	ocretions	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, et	,	
0-2	110112011	10 YR 3/2			Abditidance/Contrast	,	amy sand	
2-8		10 YR 3/2	5YR 3/4		Four modium distinct			
					Few, medium, distinct		amy sand	
8-16		10 YR 5/4	5 YR 3/4		Common, small, distinct		Sand	
Hydric Soil Ir	ndicators:							
	Histosol Histic Epipedon			ncretion h Orgai	ns nic Content in Surface La	yer in Sandy S	Soils	
	Sulfidic Odor				Streaking in Sandy Soils			
	Aquic Moisture F				n Local Hydric Soils List			
	Reducing Condi				National Hydric Soils List			
Ш	Gleyed or Low-C	Chroma Colors	∐Othe	er (Exp	lain in Remarks)			
Remarks: Th	nis site does not	meet the criteria for	hydric soils					
Tromanio. 11	no one doco not	moot the entend for	Try drie delle.					
WETL	AND DETER	RMINATION						
Lludrophytic \	Vagatation Desc	ont2		lo thic '	Compling Doint With to a V	Motional F	J.Vaa. MNs	
	Vegetation Presert?	ent? ⊠ Yes ⊠ Yes				_ res ⊠ivo		
Hydric Soils		⊠ res □ Yes	⊠No					
Tryunc Sons i	1035111:	□ 162	MINO					
Remarks: Th	Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 83
(If needed, explain on reverse)			Davis Branch, both
			alternatives

### **VEGETATION**

Dominant Plant Spec	cies Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1. Betula nigra	Т	FACW	9.				
2. Liquidambar styraciflu	ua T	FAC	10.				
3. Smilax bona-nox	V	FAC	11.				
4. Lonicera japonica	V	FAC	12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%							
Remarks: This site meets	Remarks: This site meets the criteria for hydrophytic vegetation.						

☑Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:				
⊠Stream, Lake, or Tide Gauge	Primary Indicators:				
☐Aerial Photographs	□Inundated				
Other	☐Saturated in Upper 12 Inches				
■No Recorded Data Available	☐Water Marks				
	☑Drift Lines				
Field Observations:	☐Sediment Deposits				
	☐ Drainage patterns in Wetlands				
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):				
	⊠Oxidized Root Channels in Upper 12 inches				
Depth to Free Water in Pit: 8 (in.)	☐Water-Stained Leaves				
( )	Local Soil Survey Data				
Depth to Saturated Soil: 5 (in.)	☐FAC-Neutral Test				
	Other (Explain in Remarks)				
Remarks: This site meets the criteria for wetland hydrology.					
Tronance Trib one mode are entered for welland hydrology.					

Remarks: This site is located within a wetland.

SUIL	3							
Map Unit Na	ame			Drainage Class:				
(Series and	Phase):			Field Obse	Field Observations			
Taxonomy (	Subgroup):			Confirm M	apped type?	☐ Yes	⊠No*	
				*Soils were	e not determir	ned by a professi	onal soil	
				scientist.				
Profile Des	cription:							
Depth		Matrix Color	Mottle Colors	Mottle		Texture, Concr	etions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundand	e/Contrast	Structure, etc.		
0-3		10 YR 3/3				Fine sa	ndy loam	
3-8		10 YR 4/2	5YR 3/4		n, medium, stinct	Sand	y loam	
8-16		10 YR 5/3	5 YR 4/6		n, medium, stinct	Sa	and	
Hydric Soil I	ndicators:							
☐ Histic Epipedon ☐ Higl ☐ Sulfidic Odor ☐ Org ☐ Aquic Moisture Regime ☐ List ☐ Reducing Conditions ☐ List				oncretions gh Organic Content ganic Streaking in S sted on Local Hydric sted on National Hy her (Explain in Rem	Sandy Soils Soils List dric Soils List	ayer in Sandy Soi	ls	
Remarks: T	his site meets th	e criteria for hydric so	oils due to satura	tion and low chroma	a colors.			
WETI	AND DETER	RMINATION						
Hydrophytic Vegetation Present?					Yes □No			

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 84
(If needed, explain on reverse)			Davis Branch, both
			alternatives

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Betula nigra	Т	FACW	9.				
2.	Liquidambar styraciflua	Т	FAC	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Acer rubrum	Т	FAC	13.				
6.	Quercus falcata	S	FACU	14.				
7.	Quercus nigra	S	FAC+	15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/7 = 86%							
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.					

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☑Stream, Lake, or Tide Gauge</li> <li>☐Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks ☐Drift Lines
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):   Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 14 (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: 11 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	<del></del>

Map Unit Name			Drainage Class:				
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determing	ned by a professio	nal soil
					scientist.		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concre	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-2		10 YR 3/3				Fine san	
2-5		10 YR 4/3	5YR 3/4		Few, small, distinct	Fine san	dy loam
5-8		10YR 5/3	5 YR 5/6		Few, small, distinct	Loamy	/ sand
8-16		10 YR 5/3	5 YR 5/6		Few, small, distinct	Sai	nd
Hydric Soil Ir	ndicators:						
	]Histosol		ПС	ncretio			
_	Histic Epipedon				ns anic Content in Surface La	over in Sandy Soils	c
	Sulfidic Odor				Streaking in Sandy Soils	tyer in Sandy Son	3
_	Aquic Moisture F	Regime			Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
	Gleyed or Low-C				plain in Remarks)		
			_	`	,		
Remarks: T	his site does not	meet the criteria for	hydric soils.				
					·		
WETL	AND DETER	MINATION					
Hydrophytic Vegetation Present?   ☐ Yes ☐ No Is this			Is this	Sampling Point Within a \	Wetland?   Y	∕es ⊠No	
	drology Present?		□No				
Hydric Soils	Present?	☐ Yes	⊠No				
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 85
(If needed, explain on reverse)			Davis Branch, both
			alternatives

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Betula nigra	Т	FACW	9.				
2.	Liquidambar styraciflua	Т	FAC	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Nyssa sylvatica	S	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:					
⊠Stream, Lake, or Tide Gauge	Primary Indicators:					
☐Aerial Photographs	☐Inundated					
□Other	☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks					
	□ Drift Lines					
Field Observations:	Sediment Deposits					
	☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):					
Depth to Free Water in Pit: 8 (in.)	☐Water-Stained Leaves					
( )	Local Soil Survey Data					
Depth to Saturated Soil: 5 (in.)	□FAC-Neutral Test					
()	Other (Explain in Remarks)					
Remarks: This site meets the criteria for wetland hydrology.						
Tromand. The site moste are offend for welland flydrology.						

Map Unit Name					Drainage Class:		
(Series and I					Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
				*Soils were not determin scientist.	ed by a professional soil		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-2		10 YR 3/3				Fine sandy loam	
2-6		10 YR 4/3	5YR 3/4		Common, small, distinct	Fine sandy loam	
6-16		2.5Y 5/3	5 YR 5/6		Many, small, distinct	Loamy sand	
					• • • • • • • • • • • • • • • • • • • •	Í	
□Sulfidic Odor □Organic Str □Aquic Moisture Regime □Listed on Louisted on No. □Reducing Conditions □Listed on No.				ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List olain in Remarks)	yer in Sandy Soils		
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?							
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 86
(If needed, explain on reverse)			Davis Branch, both
			alternatives

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Betula nigra	Т	FACW	9.				
2.	Liquidambar styraciflua	Т	FAC	10.				
3.	Nyssa sylvatica	Т	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.				13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%							
Rer	marks: This site meets the criteria	a for hydrophytic ve	getation.					

☑Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:					
⊠Stream, Lake, or Tide Gauge	Primary Indicators:					
☐Aerial Photographs	Inundated					
Other	Saturated in Upper 12 Inches					
■No Recorded Data Available	☐Water Marks					
	☑Drift Lines					
Field Observations:	Sediment Deposits					
	☐Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):					
	Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: 4 (in.)	Water-Stained Leaves					
	Local Soil Survey Data					
Depth to Saturated Soil: 2 (in.)	☐FAC-Neutral Test					
( )	Other (Explain in Remarks)					
	_					
Remarks: This site meets the criteria for wetland hydrology.						
The same and the same and the working my droingy.						
, ,	☐Oxidized Root Channels in Upper 12 inches ☐Water-Stained Leaves					

Map Unit Name				Drainage Class:			
(Series and	Phase):				Field Observations		
Taxonomy (	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
	0 17					ned by a professional soil	
					scientist.	, .	
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-2		10 YR 3/3				Fine sandy loam	
2-6		10 YR 4/2	5YR 3/3		Few, small, distinct	Fine sandy loam	
6-16		2.5Y 5/3	5 YR 4/4		Many, small, distinct	Loamy sand	
Hydric Soil I	ndicators:						
_							
_	Histosol		_	oncretio			
	Histic Epipedon				ganic Content in Surface Layer in Sandy Soils		
_	Sulfidic Odor	Danima			treaking in Sandy Soils		
	Aquic Moisture I				d on Local Hydric Soils List d on National Hydric Soils List		
	Reducing Condi Gleyed or Low-0				olain in Remarks)		
	Gleyed of Low-C	SIIIOIIIa COIOIS	ПОГ	iilei (⊏x	Dialit ili Remarks)		
Remarks: T	his sita maats th	e criteria for hydric so	nile				
rtemarks. 1	ins site meets th	c chicha for flydric 30	Jii3.				
<u> </u>							
WETL	WETLAND DETERMINATION						
Hydrophytic	Vegetation Pres	ent? X Yes	□No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes □No	
	Irology Present?		□No				
Hydric Soils			□No				
Remarks: This site is located within a wetland							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 87
(If needed, explain on reverse)			Davis Branch, both
			alternatives

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.	Betula nigra	Т	FACW	9.		
2.	Liquidambar styraciflua	Т	FAC	10.		
3.	Juncus effusus	Н	OBL	11.		
4.	Nyssa sylvatica	Т	FAC	12.		
5.	Acer rubrum	S	FAC	13.		
6.				14.		
7.				15.		
8.				16.		
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/7 = 86%						
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.			

Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
☐Aerial Photographs	Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	☑Drift Lines
Field Observations:	☐Sediment Deposits
	□Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 7 (in.)	
	☐Local Soil Survey Data
Depth to Saturated Soil: 4 (in.)	☐FAC-Neutral Test
	☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	
, 3,	

Map Unit Name					Drainage Class:		
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
				*Soils were not determin	ed by a professiona	al soil	
					scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ons,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-1		10 YR 3/3				Fine sandy	/ loam
1-3		10 YR 4/2	5 YR 3/3		Few, small, distinct	Fine sandy	/ loam
3-16		10 YR 6/2	5 YR 4/6		Common, small, distinct	Loamy s	and
Sulfidic Odor Organic S Aquic Moisture Regime Listed on Reducing Conditions Listed on				gh Orga ganic S sted on l sted on l	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List blain in Remarks)	yer in Sandy Soils	
WETLAND DETERMINATION							
	Vegetation Prese rology Present? Present?	ent?	□No □No □No	Is this	Sampling Point Within a V	Wetland? ⊠ Ye	s □No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 88
(If needed, explain on reverse)			Davis Branch, both
			alternatives

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Betula nigra	Т	FACW	9.				
2.	Nyssa sylvatica	S	FAC	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Acer rubrum	Т	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%								
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☑Stream, Lake, or Tide Gauge</li> <li>☐Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated  ☑Saturated in Upper 12 Inches  □Water Marks  □Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 6 (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: 3 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	•

Map Unit Na	me			Drainage Class:	Drainage Class:			
(Series and I	Phase):			Field Observations				
Taxonomy (S	Subgroup):			Confirm Mapped type?	☐ Yes     ⊠No*			
				ed by a professional soil				
			scientist.					
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors	Mottle	Texture, Concretions,			
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	Structure, etc.			
0-2		10 YR 3/3			Fine sandy loam			
2-4		10 YR 4/2	5YR 3/3	Few, small, distinct	Fine sandy loam			
4-8		10YR 5/3	5 YR 5/6	Few, medium, distinct	Loamy sand			
Hydric Soil Ir	ndicators:							
	Histosol		ПСо	encretions				
_	Histic Epipedon				ganic Content in Surface Layer in Sandy Soils			
	Sulfidic Odor			ganic Streaking in Sandy Soils				
	Aquic Moisture I	Regime		d on Local Hydric Soils List				
	Reducing Condi			sted on National Hydric Soils List				
	Gleyed or Low-0	Chroma Colors	□Otl	her (Explain in Remarks)				
Remarks: T	his site meets the	e criteria for hydric so	oils due to low chi	roma color and mottles.				
<u> </u>								
WETLAND DETERMINATION								
	Vegetation Prese		□No	Is this Sampling Point Within a V	Wetland? ⊠ Yes □No			
	Irology Present?		□No					
Hydric Soils	Present?		□No					
Remarks: This site is located within a wetland								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 89
(If needed, explain on reverse)			Davis Branch, both
			alternatives

### **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Betula nigra	Т	FACW	9.				
2.	Liquidambar styraciflua	Т	FAC	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Nyssa sylvatica	S	FAC	12.				
5.	Acer rubrum	Т	FAC	13.				
6.	Carex sp.	Н		14.				
7.	Quercus nigra	S	FAC+	15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/7 = 86%								
Rer	Remarks: This site meets the criteria for hydrophytic vegetation.							

☐Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☐Aerial Photographs ☐Other		Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☑Saturated in Upper 12 Inches				
□No Recorded Data Available						
		☐Drift Lines				
Field Observations:		Sediment Deposits				
		☐Drainage patterns in Wetlands				
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):				
·	` '					
Depth to Free Water in Pit: 9	(in.)	☐Water-Stained Leaves				
	()	□Local Soil Survey Data				
Depth to Saturated Soil: 6	(in.)	□FAC-Neutral Test				
Dopur to Catarated Con.	()	Other (Explain in Remarks)				
Demonstra. This site maste the criteria for wetland hydrology						
Remarks: This site meets the criteria for wetlan	ia nyarology.					

Map Unit Name			Drainage Class:				
(Series and I					Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes      ⊠No*	
					ed by a professional soil		
					scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-4		10 YR 3/3				Fine sandy loam	
4-16		10 YR 5/3	5 YR 5/6	i	Few, medium, distinct	Sand	
Hydric Soil Indicators:    Histosol						yer in Sandy Soils	
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?  Wetland Hydrology Present?  Hydric Soils Present?  Yes No Yes No Yes No Yes No							
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 90
(If needed, explain on reverse)			Davis Branch, both
			alternatives

## **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Ilex vomitoria	S	FAC-	9.				
2.	Liquidambar styraciflua	Т	FAC	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	llex opaca	S	FACU	12.				
5.	Acer rubrum	Т	FAC	13.				
6.	Nyssa sylvatica	S	FAC	14.				
7.	Quercus nigra	S	FAC+	15.				
8.	Myica cerifera	S	FAC	16.				
6/8	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/8 = 75%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☑Stream, Lake, or Tide Gauge</li> <li>☑Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators:  Primary Indicators:  □Inundated □Saturated in Upper 12 Inches □Water Marks □Drift Lines
Field Observations:	Sediment Deposits
Depth of Surface Water: none (in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐ FAC-Neutral Test ☐ Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	ly.

Map Unit Name				Drainage Class:				
(Series and I	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
				*Soils were not determin scientist.	ned by a professional soil			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.		
0-4		10 YR 2/1				Fine sandy loam		
4-16		10 YR 7/3	7.5 YR ¾	í	Fine, medium, distinct	Fine sandy loam		
Hydric Soil Indicators:    Histosol								
WETLAND DETERMINATION								
Hydrophytic Vegetation Present?								
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 91
(If needed, explain on reverse)			Davis Branch, both
			alternatives

## **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Pinus echinata	Т		9.				
2.	Pinus taeda	Т	FAC-	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Ulmus alata	S	FACU	13.				
6.	Myrica cerifera	S	FAC	14.				
7.	Ilex opaca	S	FACU	15.				
8.	Ilex vomitoria	S	FAC-	16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/8 = 38%							
Rei	Remarks: This site does not meet the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
⊠Stream, Lake, or Tide Gauge	Primary Indicators:
☐Aerial Photographs	□Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	⊠Drift Lines
Field Observations:	Sediment Deposits
	☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves
,	☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test
,	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology	7. This site is adjacent to a water of the U.S. (Davis Branch) with an
ordinary high water mark of approximately 14 feet.	,

Map Unit Na	Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
				*Soils were not determin scientist.	ned by a professional soil			
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.		
0-2		10 YR 2/2				Fine sandy loam		
2-4		10 YR 5/4				Fine sandy loam		
4-16		10 YR 5/4				Sandy loam		
Hydric Soil Indicators:    Histosol								
WETL	AND DETER	MINATION						
Hydrophytic Vegetation Present? ☐ Yes ☐ No Wetland Hydrology Present? ☐ Yes ☐ No Hydric Soils Present? ☐ Yes ☐ No								
Remarks: This site is not located within a wetland due to the lack of hydrophytic vegetation and hydric soils.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 92
(If needed, explain on reverse)			Davis Branch, both
			alternatives

## **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Betula nigra	Т	FACW	9.				
2.	Liquidambar styraciflua	Т	FAC	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Ulmus Americana	Т	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
☐Aerial Photographs	Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	□ Drift Lines
Field Observations:	Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in	.) Secondary Indicators (2 or more required):
,	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in	
	□Local Soil Survey Data
Depth to Saturated Soil: none (i	n.)
(.	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hyd	rology
Tromano. This site mosts the chiena for wettand myd	101093.

Map Unit Name				Drainage Class:				
(Series and	Phase):				Field Observations			
Taxonomy (	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
				*Soils were not determined by a professional soil scientist.			oil	
Profile Description:								
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	)	Mottle Abundance/Contrast	Texture, C Structure,	Concretions etc.	5,
0-4		10 YR 3/2				Fin	e sandy lo	am
4-16		10 YR 6/4					Sand	
☐ Histosol       ☐ Concretions         ☐ Histic Epipedon       ☐ High Organic Content in Surface Layer in Sandy Soils         ☐ Sulfidic Odor       ☐ Organic Streaking in Sandy Soils         ☐ Aquic Moisture Regime       ☐ Listed on Local Hydric Soils List         ☐ Reducing Conditions       ☐ Listed on National Hydric Soils List         ☐ Gleyed or Low-Chroma Colors       ☐ Other (Explain in Remarks)         Remarks: This site does not meet the criteria for hydric soils.								
WETI	LAND DETER	RMINATION						
Hydrophytic Vegetation Present?								⊠No
Remarks: T	Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 93
(If needed, explain on reverse)			Davis Branch, both
			alternatives

## **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Betula nigra	Т	FACW	9.			
2.	Ulmus alata	Т	FACU	10.			
3.	Smilax bona-nox	V	FAC	11.			
4.	Lonicera japonica	V	FAC	12.			
5.	Berchemia scandens	V	FAC+	13.			
6.	Ilex vomitoria	S	FAC-	14.			
7.	llex opaca	S	FACU	15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/7 = 57%							
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.				

<ul> <li>☐ Recorded Data (Describe in Remarks):</li> <li>☐ Stream, Lake, or Tide Gauge</li> <li>☐ Aerial Photographs</li> <li>☐ Other</li> <li>☐ No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
□ INO Recorded Data Available	☐ Water Marks  ☐Drift Lines
Field Observations:	⊠Sediment Deposits  ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 12 (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: 10 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (S					Confirm Mapped type?	☐ Yes	⊠No*
			*Soils were not determing	ned by a profession	onal soil		
					scientist.	- ·	
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concr	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-3		10 YR 6/4	5 YR 4/6		Few, small, distinct	Loam	ny sand
3-8		10 YR 4/3				Silt	loam
8-16		10 YR 4/6				Fine sar	ndy loam
Hydric Soil Ir	ndicators:						
_	_						
	Histosol			ncretio			
	Histic Epipedon				anic Content in Surface La	yer in Sandy Soi	ls
_	Sulfidic Odor		∐Org	ganic S	treaking in Sandy Soils		
	Aquic Moisture F				Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
	]Gleyed or Low-C	Inroma Colors		ner (⊏x	plain in Remarks)		
Pomorke: T	his site does not	most the critoria for	hydric soils. The	unnor	ayer of the soil consists o	f recent cilt	
Remarks. 1	nis site does not	meet the chlena ion	nyaric soils. The	upper	ayer or the son consists o	recent siit.	
\A/E-T-I	AND DETER	MINIATION					
WEIL	WETLAND DETERMINATION						
		. —					
	Vegetation Prese		□No	Is this	Sampling Point Within a \	Wetland? ☐	Yes ⊠No
	drology Present?		□No				
Hydric Soils	Present?	☐ Yes	⊠No				
D . T					11		
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 94
(If needed, explain on reverse)			Davis Branch, both
			alternatives

## VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1. Juncus effusus	Н	OBL	9.				
2. Lonicera japonica	V	FAC	10.				
3.			11.				
4.			12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 2/2 = 100%							
Remarks: This site meets the criteria	a for hydrophytic veç	getation.					

Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
☐Aerial Photographs	⊠Inundated
□Other	Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	☑Drift Lines
Field Observations:	Sediment Deposits
	☐Drainage patterns in Wetlands
Depth of Surface Water: 10 (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: (in.)	☐Water-Stained Leaves
	☐Local Soil Survey Data
Depth to Saturated Soil: (in.)	☐FAC-Neutral Test
. ,	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology. This	s site is a roadside ditch adjacent to "Beggs Rd."
, 3,	, 55

Map Unit Na	me				Drainage Class:		
(Series and I					Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes   ⊠No*	
					ned by a professional soil		
					scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-3		10 YR 5/4				Fine sandy loam	
3-16		2.5 Y 4/3	5 YR 3/4		Common, medium, distinct	Fine sandy loam	
Sulfidic Odor Organic S Aquic Moisture Regime Listed on Reducing Conditions Listed on				Orgar anic Stred on Led on N	s nic Content in Surface La reaking in Sandy Soils ocal Hydric Soils List lational Hydric Soils List lain in Remarks)	yer in Sandy Soils	
Kemans. II	113 3116 0063 1101	meet the criteria for	riyuric sons.				
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?					Vetland? ☐ Yes ⊠No		
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 95
(If needed, explain on reverse)			Davis Branch, both
			alternatives

## **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Betula nigra	Т	FACW	9.			
2.	Liquidambar styraciflua	T/S	FAC	10.			
3.	Lonicera japonica	V	FAC	11.			
4.	Juncus effusus	Н	OBL	12.			
5.	Cyperus sp.	Н		13.			
6.	Cirsium horridulum	Н	FAC	14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/6 = 83%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.				

<ul> <li>☐ Recorded Data (Describe in Remarks):</li> <li>☐ Stream, Lake, or Tide Gauge</li> <li>☐ Aerial Photographs</li> <li>☐ Other</li> <li>☐ No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
	☐ Water Marks  ☐ Drift Lines
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
				*Soils were not determin scientist.	ned by a professional soil		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.	
0-4		10 YR 5/4	2.5 YR 4/8	8	Few, small, distinct	Silt loam	
4-16		10 YR 4/4	7.5 YR 4/4	4	Many, small, distinct	Silt loam	
Hydric Soil Indicators:    Histosol						yer in Sandy Soils	
WETLAND DETERMINATION							
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes □No	
Remarks: TI	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 96
(If needed, explain on reverse)			Tributary to Davis Branch,
			both alternatives

## **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.	Liquidambar styraciflua	T/S	FAC	9.		
2.	Betula nigra	T/S	FACW	10.		
3.	Smilax bona-nox	V	FAC	11.		
4.	Lonicera japonica	V	FAC	12.		
5.	Acer rubrum	S	FAC	13.		
6.				14.		
7.				15.		
8.				16.		
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%						
	marks: This site meets the criteria baceous vegetation.	a for hydrophytic ve	getation. This	site is a woodland slope up from	a wet area, with	n no

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
⊠Stream, Lake, or Tide Gauge	Primary Indicators:
Aerial Photographs	∐Inundated
□Other	☐Saturated in Upper 12 Inches
☐No Recorded Data Available	□Water Marks
_	☐Drift Lines
Field Observations:	Sediment Deposits
	☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	
	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	<b>=</b>
	□Local Soil Survey Data
Depth to Saturated Soil: none (in	
(	Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetla	nd hydrology
Tromand. This site account most the offend for world	ia ilyaiology

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	)*	
					*Soils were not determing	ned by a professional soil		
					scientist.			
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure, etc.		
0-2		7.5 YR 6/2				Sand		
2-6		10 YR 3/2				Fine sandy loam		
6-16		10 YR 3/4				Fine sandy loam		
Hydric Soil Indicators:    Histosol								
WETL	WETLAND DETERMINATION							
Hydrophytic Vegetation Present?  Wetland Hydrology Present?  Hydric Soils Present?  Yes No  Yes No  Is the second of the second					Sampling Point Within a \		0	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 97
(If needed, explain on reverse)			Tributary to Davis Branch,
			both alternatives

## **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Liquidambar styraciflua	T/S	FAC	9.			
2.	Betula nigra	T/S	FACW	10.			
3.	Smilax bona-nox	V	FAC	11.			
4.	Lonicera japonica	V	FAC	12.			
5.	Cephalanthus occidentalis	S	OBL	13.			
6.	Myrica cerifera	S	FAC	14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/6 = 100%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

□ Recorded Data (Describe in Remarks)	):		Wetland Hydrology Indicators:
Stream, Lake, or Tide Gaug	je		Primary Indicators:
Aerial Photographs			☐Inundated
Other			Saturated in Upper 12 Inches
□ No Recorded Data Available			☐Water Marks
			☑Drift Lines
Field Observations:			Sediment Deposits
			☐Drainage patterns in Wetlands
Depth of Surface Water:	none	(in.)	Secondary Indicators (2 or more required):
·			
Depth to Free Water in Pit:	11	(in.)	
			☐Local Soil Survey Data
Depth to Saturated Soil:	8 (in.	.)	☐FAC-Neutral Test
	•	,	Other (Explain in Remarks)
Remarks: This site meets the criteria for	r wetland h	vdrology. This	site is adjacent to a water of the U.S. (tributary to Davis Branch)
with an ordinary high water mark of appro			, , , , , , , , , , , , , , , , , , ,
3	,		

Map Unit Name					Drainage Class:			
(Series and I	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*	
	.,		*Soils were not determin scientist.	ed by a professi	ional soil			
Profile Desc	ription:				COLOTRIOL			
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Conc	retions.	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	,	
0-8		2.5 Y 4/2	7.5 YR ¾	i	Common, small, distinct	Fine sa	indy loam	
8-16		2.5 Y 5/2	10 YR ¾		Few, small, distinct	Sand	ly loam	
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture F Reducing Condi Gleyed or Low-C	tions	is nic Content in Surface La reaking in Sandy Soils .ocal Hydric Soils List Jational Hydric Soils List Jain in Remarks)	yer in Sandy So	ils			
WETLAND DETERMINATION								
	Vegetation Prese rology Present? Present?	ent?	□No □No □No	Is this	Sampling Point Within a \	 Vetland? ⊠	Yes □No	
Remarks: Th	Remarks: This site is located within a wetland							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 98
(If needed, explain on reverse)			Tributary to Davis Branch,
			both alternatives

## **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Liquidambar styraciflua	T/S	FAC	9.			
2.	Betula nigra	T/S	FACW	10.			
3.	Smilax bona-nox	V	FAC	11.			
4.	llex opaca	S	FACU	12.			
5.	Ligustrum sinense	S	UPL	13.			
6.	Berchemia scandens	V	FAC+	14.			
7.	Dichanthelium sp.	Н		15.			
8.	Chasmanthium latifolium	Н	FAC	16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/8 = 63%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

☐Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☐Aerial Photographs ☐Other ☐No Recorded Data Available		Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
		Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none	(in.)	Water-Stained Leaves
5		☐Local Soil Survey Data
Depth to Saturated Soil: none	(in.)	FAC-Neutral Test
		☐Other (Explain in Remarks)
Benedic Title of a decrease of a contribution of a few		
Remarks: This site does not meet the criteria for	wetiand hydrolog	уу

00:20							
Map Unit Na	me		Drainage Class:	Drainage Class:			
(Series and I	Phase):		Field Observations	Field Observations			
Taxonomy (S	Subgroup):		Confirm Mapped type?	☐ Yes			
			*Soils were not determine	ned by a professional soil			
				scientist.			
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors	Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	Structure, etc.		
0-11		10 YR 5/4			Fine sandy loam		
11-16		2.5 Y 6/3	5 YR 4/6	Common, large, distinct	Sand		
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture I Reducing Condi Gleyed or Low-C	tions	etions Drganic Content in Surface La ic Streaking in Sandy Soils on Local Hydric Soils List on National Hydric Soils List (Explain in Remarks)				
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?							
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 99
(If needed, explain on reverse)			Tributary to Davis Branch,
			both alternatives

## VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Juniperus virginiana	S	FACU-	9.				
2.	Betula nigra	T/S	FACW	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Acer rubrum	S	FAC	13.				
6.	Cyperus sp.	Н		14.				
7.	Dichanthelium sp.	Н		15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/7 = 57%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

<ul> <li>☑Recorded Data (Describe in Remarks):</li> <li>☑Stream, Lake, or Tide Gauge</li> <li>☐Aerial Photographs</li> <li>☐Other</li> <li>☐No Recorded Data Available</li> </ul>	Wetland Hydrology Indicators:  Primary Indicators:  ☐Inundated  ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:	☐ Drift Lines ☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):  ☐Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 12 (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: 9 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology	

Map Unit Name			Drainage Class:				
(Series and Phase):			Field Observations				
Taxonomy (Subgroup):			Confirm Mapped type? ☐ Yes ☐ No*				
					*Soils were not determin scientist.	ned by a profession	nal soil
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concre	tions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-5		10 YR 4/3	5 YR 4/4		Many, small, distinct	Fine sand	dy loam
5-16		10 YR 6/4	5 YR 4/6	;	Many, small, distinct	Sar	id
	Hydric Soil Indicators:    Histosol						
WETLAND DETERMINATION							
Wetland Hyd Hydric Soils		⊠ Yes □ Yes	□No □No ⊠No		Sampling Point Within a \	Wetland? ☐ Y	es ⊠No
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 100
(If needed, explain on reverse)			Tributary to Davis Branch,
			both alternatives

## **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Liquidambar styraciflua	T/S	FAC	9.				
2.	Salix nigra	Т	FACW+	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Cephalanthus occidentalis	S	OBL	13.				
6.	Myrica cerifera	S	FAC	14.				
7.	-			15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/6 = 100%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.					

Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:					
⊠Stream, Lake, or Tide Gauge	Primary Indicators:					
Aerial Photographs	∬Inundated					
□Other	Saturated in Upper 12 Inches					
□No Recorded Data Available	Water Marks					
	⊠Drift Lines					
Field Observations:	Sediment Deposits					
Field Observations.						
D 41 (0 ( )W (	☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):					
Depth to Free Water in Pit: 1 (in.)						
	☐Local Soil Survey Data					
Depth to Saturated Soil: 0 (in.)	☐FAC-Neutral Test					
	Other (Explain in Remarks)					
	_					
Remarks: This site meets the criteria for wetland hydrology. This	site is adjacent to a water of the U.S. with an ordinary high water					
mark of approximately 3 feet.	one to disjuster to a tracer of the oriental art orientally ringer tracer					
il en	, I					

Map Unit Name			Drainage Class:					
(Series and Phase):			Field Observations					
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Ye	S	⊠No*
					*Soils were not determing scientist.	ned by a pro	fessional s	oil
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C	Concretions	i,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	)	Abundance/Contrast	Structure,	etc.	
0-8		10 YR3/4						
8-16		10 YR 3/1						
Hydric Soil Indicators:    Histosol								
WETLAND DETERMINATION								
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a	Wetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 101
(If needed, explain on reverse)			Tributary to Davis Branch,
			both alternatives

## **VEGETATION**

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Liquidambar styraciflua	T/S	FAC	9.			
2.	Betula nigra	T/S	FACW	10.			
3.	Smilax bona-nox	V	FAC	11.			
4.	Quercus nigra	Т	FAC+	12.			
5.	Acer rubrum	S	FAC	13.			
6.	Forestiera pubescens	S	FAC	14.			
7.	Toxicodendron radicans	V	FAC	15.			
8.	Chasmanthium laxum	Н	FAC	16.			
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 8/8 = 100%						
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:						
⊠Stream, Lake, or Tide Gauge	Primary Indicators:						
Aerial Photographs	☐Inundated						
□Other	☐Saturated in Upper 12 Inches						
□No Recorded Data Available	□Water Marks						
I to resolute Bata / trailable	□ Drift Lines						
Field Observations:	Sediment Deposits						
Tield Observations.	☐ Drainage patterns in Wetlands						
Donth of Curfoco Water: none (in)	Cocondon Indicators (2 or more required)						
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):						
	Oxidized Root Channels in Upper 12 inches						
Depth to Free Water in Pit: none (in.)							
	☐Local Soil Survey Data						
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test						
· · ·	☐Other (Explain in Remarks)						
Remarks: This site does not meet the criteria for wetland by	drology. This site is adjacent to a water of the U.S. with an ordinary						
high water mark of approximately 12 feet.							
I mgr mater mant or approximately 12 tooli							
.i							

Map Unit Name			Drainage Class:			
(Series and Phase):			Field Observations			
Taxonomy (Subgroup):			Confirm Mapped type? ☐ Yes ☐ No*			
			*Soils were not determin scientist.	ned by a professional soil		
Profile Desc	cription:					
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.
0-16		10 YR 5/3	5 YR 5/8		Many, fine, distinct	Fine sandy loam
Hydric Soil Indicators:    Histosol						,
WETLAND DETERMINATION						
	Vegetation Presedrology Present? Present?		□No ⊠No ⊠No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.						

## **APPENDIX D**

## **HAZARDOUS MATERIALS DATABASE REPORT**



## **Environmental Data Search**

for the site

North Lindale Relief Route US 69 / LP 49, Lindale, TX

99121B

performed for

**Hicks & Company** 

12/14/2010

HICY6675

#### **Preface**



This document of environmental concerns near US 69 / LP 49, Lindale, TX reports findings of the TelALL data search, prepared on the request of Hicks & Company.

TelALL Corporation (TelALL) has designed this document to comply with the AAI and ASTM standard E 1527 - 05 (Accuracy and Completeness) and has used all available resources, but makes no claim to the entirety or accuracy of the cited government, state, or tribal records. Our databases are updated at least every 90 days or as soon as possible after publication by the referenced agencies. The following fields of governmental, state, and tribal databases may not represent all known, unknown, or potential sources of contamination to the referenced site. Many different variables effect the outcome of the following document. TelALL maintains extremely high standards, and stringent procedures that are used to search the referenced data. However, TelALL reserves the right at any time to amend any information related to this report. If there is a need for further information regarding this report, or for any customer support please call TelALL at 800 583-0004 for assistance.

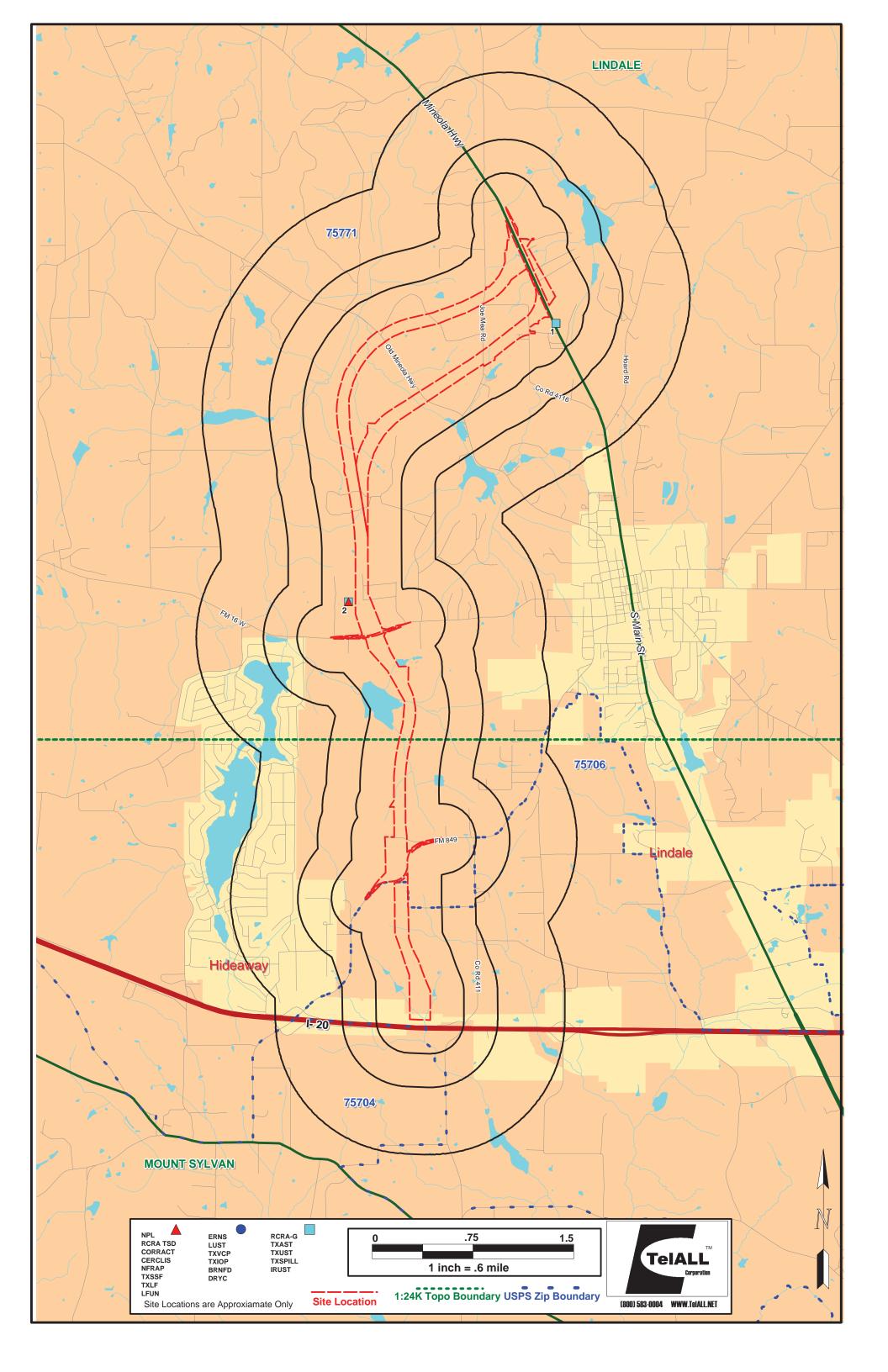
This report is divided into the following components:

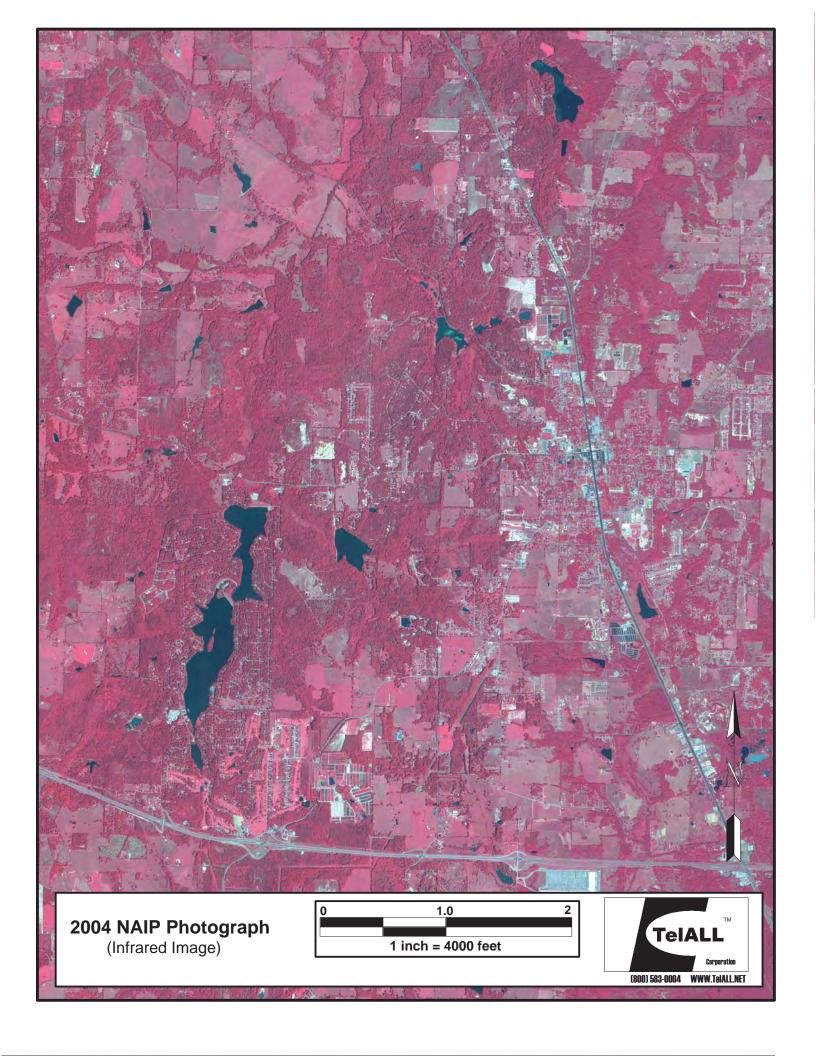
MAP Identified geocodeable findings relative to this data search.SUMMARY 1 Sorting of the identified sites by distance from the subject site.

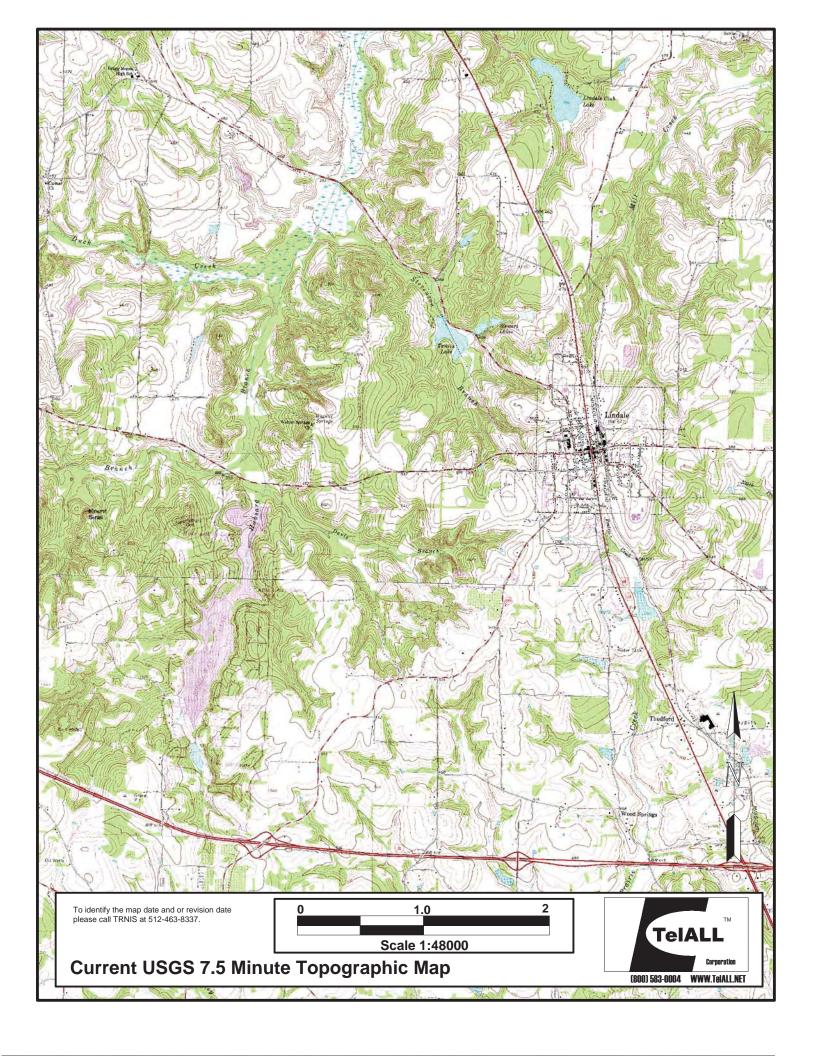
**FINAL** A description of each database and a detailed explanation of findings.

Sources	Last	Minimum Search		
Database	Acronym	Updated	Distance	Findings
National Priority List	NPL	09/2010	1	0
Comprehensive Environmental Response, Compensation, and Liability Information System	CERCLIS	09/2010	0.5	0
No Further Remedial Action Planned	NFRAP	09/2010	0.5	0
Resource Conservation and Recovery Information System - Treatment Storage or Disposal	RCRA TSD	10/2010	1	0
Corrective Action	CORRACT	10/2010	1	0
Resource Conservation and Recovery Information System - Generators	RCRA-G	10/2010	0.25	1
Emergency Response Notification System	ERNS	11/2010	0.25	0
Texas Voluntary Cleanup Program	TXVCP	10/2010	0.5	0
Innocent Owner/Operator Program	TXIOP	10/2010	0.5	0
Texas State Superfund	TXSSF	11/2010	1	0
TCEQ Solid Waste Facilities	TXLF	09/2010	1	3
Unauthorized and Unpermitted Landfill Sites	LFUN	09/2010	0.5	0
Leaking Underground Storage Tanks	TXLUST	11/2010	0.5	0
Texas Underground Storage Tanks	TXUST	11/2010	0.25	3
Texas Above Ground Storage Tanks	TXAST	11/2010	0.25	0
Texas Spills List	TXSPILL	09/2010	0.25	0
Brownfield	BRNFD	10/2010	0.5	0
Dry Cleaner	DRYC	11/2010	0.5	0
Indian Reservation Underground Storage Tanks	IRUST	11/2010	0.25	0











## Sites Sorted By Distance from Center

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Site Distance/Direction Database Number Address City/State Site Name

		IRUST				NO FINDINGS WITHIN 1/4 MILE.	
		NPL				NO FINDINGS WITHIN ONE MILE.	
		CERCLIS				NO FINDINGS WITHIN 1/2 MILE.	
		NFRAP				NO FINDINGS WITHIN 1/2 MILE.	
		CORRACT				NO FINDINGS WITHIN ONE MILE.	
		ERNS				NO FINDINGS WITHIN 1/4 MILE.	
		TXVCP				NO FINDINGS WITHIN 1/2 MILE.	
		RCRA TSD				NO FINDINGS WITHIN ONE MILE.	
		TXAST				NO FINDINGS WITHIN 1/4 MILE.	
		TXLUST				NO FINDINGS WITHIN 1/2 MILE.	
		TXSSF				NO FINDINGS WITHIN ONE MILE.	
		TXSPILL				NO FINDINGS WITHIN 1/4 MILE.	
		LFUN				NO FINDINGS WITHIN 1/2 MILE.	
		TXIOP				NO FINDINGS WITHIN 1/2 MILE.	
		BRNFD				NO FINDINGS WITHIN 1/2 MILE.	
		DRYC				NO FINDINGS WITHIN 1/2 MILE.	
.05							
	W	RCRA-G	2	16988 COUNTY ROAD 476	LINDALE	HAWLEY SANITATION	
	W	TXLF	2	16988 COUNTY ROAD 476 LINDALE, TX 7	SMITH	HAWLEY RECYCLING	
.08							
	SE	TXUST	1	N HWY 69	LINDALE	MEA NURSERY	
	SE	TXUST	1	N HWY 69	LINDALE	MEA NURSERY	
	SE	TXUST	1	N HWY 69	LINDALE	MEA NURSERY	
Site Location Unknown							
		TXLF	unknown	2.5 MILES W OF JUNCTION OF US HIGHW	SMITH	HIDE-A-WAY LAKE LANDFILL	
		TXLF	unknown	3.5 MILES W OF LINDALE ON FM 16 LIND	SMITH	CITY OF LINDALE LANDFILL	





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#### **NPL**

#### National Priority List

NPL is a priority subset of the CERCLIS list. (See CERCLIS, below) The Cerclis list was created by the Comprehensive Environmental Response, Compensation and Liability Acts (CERCLA) need to track contaminated sites. CERCLA was enacted on 12/11/80, and amended by the Superfund Amendments and Reauthorization Act of 1986. These acts established broad authority for the government to respond to problems posed by the release, or threat of release of hazardous substances, pollutants, or contaminants. CERCLA also imposed liability on those responsible for releases and provided the authority for the government to undertake enforcement and abatement action against responsible parties. Institutional/Engineering Controls searched. Delisted NPL sites are included.

Source: United States Environmental Protection Agency (EPA)

Database: NPL

**Site:** No findings within one mile.

Distance: 0 Address Zip Code City:

#### **CERCLIS**

#### Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS is the official repository for site and non-site specific Superfund data in support of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). It contains information on hazardous waste site assessment and remediation from 1983 to the present. CERCLIS information is used to report official Superfund accomplishments to Congress and the public, assist EPA Regional and Headquarters managers in evaluating the status and progress of site cleanup actions, track Superfund Comprehensive Accomplishments Plan (SCAP), and communicate planned activities and budgets. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: CERCLIS

**Site:** No findings within 1/2 mile.

Distance: 0
Address
Zip Code
City:

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#### **NFRAP**

#### No Further Remedial Action Planned

NFRAP Sites indicate a CERCLIS site that was designated "No further remedial action planned" by the EPA February 1995. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: NFRAP

**Site:** No findings within 1/2 mile.

Distance: 0
Address
Zip Code
City:

#### **RCRATSD**

### Resource Conservation and Recovery Information System - Treatment Storage or Disposal

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA TSD (Treatment Storage or Disposal) is a subset of the RCRIS list. RCRA TSD tracks facilities that fall under the Treatment Storage or Disposal classification.

Source: United States Environmental Protection Agency (EPA)

Database: RCRA TSD

**Site:** No findings within one mile.

Distance: 0 Address Zip Code City:

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#### **CORRACT**

#### Corrective Action

CORRACT lists RCRIS (Resource Conservation and Recovery Information System) sites that are currently under corrective action. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: CORRACT

**Site:** No findings within one mile.

Distance: 0
Address
Zip Code
City:

#### **RCRA-G**

#### Resource Conservation and Recovery Information System - Generators

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste, are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA-G (Generators) list is a subset of the RCRIS list. RCRA-G tracks facilities that fall under the generators or transporters classification.

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS (CESQG) produce less than 100 kg per month of hazardous waste. SMALL QUANTITY GENERATORS (SQG) produce at least 100 kg per month but less than 1000 kg per month of hazardous waste. LARGE QUANTITY GENERATORS (LQG) produce at least 1000 kg per month of hazardous waste. Source: United States Environmental Protection Agency (EPA)

2 Database: RCRA-G

Site: HAWLEY SANITATION

Distance: 0.046 W

Address 16988 COUNTY ROAD 476

**Zip Code** 75771 **City:** LINDALE

Site EPA ID: TXR000078050 - Type of site: Transporter Contact Information: JIMMY HAWLEY, PO BOX 1121 LINDALE, TX, 75771; tel. 903-882-4839 OR NAIC (North American Industrial Classification) Code(s): 562112

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#### **ERNS**

#### **Emergency Response Notification System**

ERNS supports the release notification requirements of section 103 of the Comprehensive Environmental Response Compensation, and Liability Act (CERCLA), as amended; section 311 of the Clean Water Act; and sections 300.51 and 300.65 of the National Oil and Hazardous Substances Contingency Plan. Additionally, ERNS serves as a mechanism to document and verify incident-location information as initially reported, and is utilized as a direct source of easily accessible data, needed for analyzing oil and hazardous substances spills.

Source: National Response Center (NRC)

Database: ERNS

**Site:** No findings within 1/4 mile.

Distance: 0 Address Zip Code City:

#### **TXVCP**

### Texas Voluntary Cleanup Program

Created under HB 2296, The Voluntary Cleanup Program (VCP) was established on 09/01/95 to provide administrative, technical, and legal reasons to promote the cleanup of tainted sites in Texas. Since future lenders and landowners get protection from liability to the State of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate deals at those sites are removed. As a result, many unused or under used sites may be restored to economically productive or community beneficial uses. After cleanup, the parties get a certificate of completion from the TCEQ which states that all lenders and future land owners who are not PRP's are free from all liability to the State. Institutional/Engineering Controls searched.

Parts of the above description were taken from the TCEQ/VCP Website (http://www.TCEQ.state.tx.us/permitting/remed/vcp/). The investigation phases are listed as INVESTIGATION, REMEDIATION, POST-CLOSURE, and COMPLETE. Contaminant Categories (PERC and BTEX). Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXVCP

**Site:** No findings within 1/2 mile.

Distance: 0 Address Zip Code City:

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## **TXIOP**

# Innocent Owner/Operator Program

The TX IOP, created by House Bill 2776 of the 75th Leg, provides a cert. to an innocent owner or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not loc. on the prop., and they did not cause or contribute to the source or sources of contamination. Like the TxVCP Prog., the IOP can be used as a redevelopment tool or as a tool to add value to a contaminated prop. by providing an Innocent Owner/Operator Certificate (IOC). However, unlike the VCP release of liability, IOCs are not trans. to future owners/oper's. Future owners/oper's are eligible to enter the IOP and may rec. an IOC only after they become an owner or operator of the site.

The above description were taken from the TCEQ/IOP Website (http://www.TCEQ.state.tx.us/permitting/remed/vcp/iop.html). Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXIOP

Site: No findings within 1/2 mile.

Distance: 0 Address Zip Code City:

## **TXSSF**

## Texas State Superfund

The Texas State Superfund database is a list of sites that the State of Texas has identified for investigation or remediation. Texas State Superfund sites are reviewed for potential upgrading to Comprehensive Environmental Response, Compensation, and Liability Information System status by the federal Environmental Protection Agency. Institutional/Engineering Controls searched.

Source: Texas Commission on Environmental Quality (TCEQ)

**Database:** TXSSF

**Site:** No findings within one mile.

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#### **TXLF**

## TCEQ Solid Waste Facilities

Texas Commission on Environmental Quality (TCEQ) Requires municipalities and counties to report known active and inactive landfills. Texas Landfills is a listing of solid waste facilities registered and tracked by the TCEQ Solid waste division. The facilities tracked include solid waste disposal sites as well as transfer stations and processing stations.

Source: Texas Commission on Environmental Quality (TCEQ)

2

Database: TXLF

Site: HAWLEY RECYCLING

Distance: 0.046 W

Address 16988 COUNTY ROAD 476 LINDALE, TX 75771-5637

**Zip Code** 75771 **City:** SMITH

Site ID: 100045 - Permit app. received date: 11/10/2004. Facility type: RESOURCE PECOVERY/RECYCLING FACILITY. Site status: ACTIVE, Permit status: ISSUED, Business type: INDIVIDUAL, Permitted acreage: N/A, Population served: Unknown, Area served: LINDALE CITY. Tons per day: N/A, Yards per day: N/A, Estimated closing date: Unknown. App. name, address, phone number: OWNOPR: Hawley Recycling, OWNOPR: PO BOX 1121 LINDALE, TX 757711121, OWNOPR: (903) 882 - 4839.

3

Database: TXLF \*Not mapped\*

Site: HIDE-A-WAY LAKE LANDFILL

**Distance:** Site Location Unknown

Address 2.5 MILES W OF JUNCTION OF US HIGHWAY 69 AND FM 16 ADJACENT

TO S SIDE OF F

**Zip Code** 

City: SMITH

Site ID: 1154 - Permit app. received date: 10/5/1977. Facility type: SANITARY LANDFILL FOR BRUSH AND/OR CONSTRUCTION-DEMOLITION MATERIAL, MONTHLY COVER REQUIRED. Site status: CLOSED, Permit status: REVOKED, Business type: 03, Permitted acreage: 5, Population served: 400, Area served: HIDE A WAY LAKE. Tons per day: 1, Yards per day: Unknown, Estimated closing date: 10/1/1982. App. name, address, phone number: OWNOPR: Hide-A-Way Lake Club, Inc., OWNOPR: RR 4 BOX 743 LINDALE, TX 757719804, OWNOPR: (214) 882 - 6151.



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4

Database: TXLF \*Not mapped\*
Site: CITY OF LINDALE LANDFILL

Distance: Site Location Unknown

Address 3.5 MILES W OF LINDALE ON FM 16 LINDALE, TX

**Zip Code** 

City: SMITH

Site ID: 529 - Permit app. received date: 3/24/1975. Facility type: SANITARY LANDFILL, DAILY COVER REQUIRED(POPULATION EQUIVALENT SERVED EXCEEDS 5,000 PEOPLE). Site status: CLOSED, Permit status: REVOKED, Business type: CITY, Permitted acreage: 28.262, Population served: 2000, Area served: LINDALE HIDEAWAYLK. Tons per day: 20, Yards per day: Unknown, Estimated closing date: 3/1/1978. App. name, address, phone number: OWNOPR: City of Lindale, OWNOPR: PO BOX 130 LINDALE, TX 757710130, OWNOPR: (214) 882 - 3422.

## **LFUN**

# Unauthorized and Unpermitted Landfill Sites

Unauthorized sites have no permit and are considered abandoned. All information about these sites was compiled by Southwest Texas State University under contract with TCEQ and is based on a search of publicly available records.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: LFUN

Site: No findings within 1/2 mile.



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#### **TXLUST**

# Leaking Underground Storage Tanks

State lists of leaking underground storage tank sites. Section 9003(h) of Subtitle I of RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXLUST

Site: No findings within 1/2 mile.

Distance: 0 Address Zip Code City:

## **TXUST**

# Texas Underground Storage Tanks

Underground Storage Tanks - Permitted underground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

Source: Texas Commission on Environmental Quality (TCEQ)

1

Database: TXUST

Site: MEA NURSERY

Distance: 0.077 SE
Address N HWY 69
Zip Code 75771
City: LINDALE

Facility ID number 0049341, TCEQ unit ID number 00128109, tank ID number 1,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0006000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

Facility ID number 0049341, TCEQ unit ID number 00128110, tank ID number 2,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0002000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0002000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

Facility ID number 0049341, TCEQ unit ID number 00128111, tank ID number 3,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Diesel. Capacity 0006000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

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#### **TXAST**

# Texas Above Ground Storage Tanks

Aboveground Storage Tanks - Permitted aboveground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXAST

**Site:** No findings within 1/4 mile.

Distance: 0 Address Zip Code City:

#### **TXSPILL**

## Texas Spills List

Texas Commission on Environmental Quality (TCEQ) tracks cases where emergency response is needed for cleanup of toxic substances.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXSPILL

**Site:** No findings within 1/4 mile.

Distance: 0 Address Zip Code City:

## **BRNFD**

## Brownfield

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Institutional/Engineering Controls searched.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: BRNFD

**Site:** No findings within 1/2 mile.

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## **DRYC**

# **Dry Cleaner**

House Bill 1366 requires all dry cleaning drop stations and facilities in Texas to register with Texas Commission on Environmental Quality (TCEQ) and implement new performance standards at their facilities as appropriate. It also requires distributors of dry cleaning solvents to collect fees on the sale of dry cleaning solvents at certain facilities.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: DRYC

**Site:** No findings within 1/2 mile.

Distance: 0
Address
Zip Code
City:

## **IRUST**

# Indian Reservation Underground Storage Tanks

All Appropriate Inquiries (AAI) rule has requested that Underground Storage Tanks on Indian Land be included in any ESA that is affected. Permitted Underground Storage Tanks on Indian Land are tracked and maintained by the EPA.

Source: United States Environmental Protection Agency (EPA)

Database: IRUST

**Site:** No findings within 1/4 mile.

# TelALL Zip Index

The following zip codes, are the zip codes that TelALL used for generating the preceding report. The information is provided to help our customers make the most thorough data evaluation possible. Lat/Lon. info is provided to assist in locating sites.Lat/Lon info that is listed as "0" indicates that the site has not been geocoded. This does not indicate that the site is an orphan or was not evaluated by TelALL's research personnel.



			Database count fo	r 75704		
	ERNS	4	RCRA-G	2	TXAST	12
	TXLUST	4	TXSPILL	4	TXUST	43
FACZIP	DATABASE	SITENAME	ADDR	ESS	CITY	LATITUDE LONGITUDE
	•	·	·		·	

75704	ERNS	COUNTRY PLACE MOBILE HOME	15537 HWY 64 WEST	TYLER	32.365049	-95.426696
		MJ CRUISERS	11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
			11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
			11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
	RCRA-G	TRANSPORTATION SECURITY AD	700 SKYWAY BLVD SUITE 102	TYLER	0	0
		WAL-MART STORES TEXAS LLC	3820 HIGHWAY 64 W	TYLER	32.341738	-95.358726
	TXAST	BECKAT OIL & FUEL LP	12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
			12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
			12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
			12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
		BENETTE FREIGHT	12126 HIGHWAY 64 W	TYLER	32.358311	-95.3670841
		JET CENTER OF TYLER	209 AIRPORT DR	TYLER	32.360654	-95.396357
			209 AIRPORT DR	TYLER	32.360654	-95.396357
		LONGVIEW BRIDGE & ROAD 0616	233 AIRPORT DR	TYLER	32.361388	-95.3961852
		TYLER AERO	1320 CR 1143	TYLER	32.358233	-95.390837
			1320 CR 1143	TYLER	32.358233	-95.390837
			1320 CR 1143	TYLER	32.358233	-95.390837
			1320 CR 1143	TYLER	32.358233	-95.390837
	TXLUST	DARR EQUIPMENT CO	W HWY 31	TYLER	32.350495	-95.312711
		FOOD FAST 57	11812 W HWY 64	TYLER	32.357691	-95.362243
		STOP N SHOP	W HWY 64	TYLER	32.350481	-95.319384
		TYLER AERO	W POUNDS FIELD HWY 64	TYLER	32.350481	-95.319384
	TXSPILL	Bob Jefreys	Kirby Station Located on HWY 64 West	Tyler		
			Kirby Station Located on HWY 64 West	Tyler		
		CITY OF TYLER	located at 14939 County Road 46, appr	TYLER	0	0
		EXECUTIVE AVIATION	FUEL DEPOT, TYLER POUNDS FIELD	TYLER		
	TXUST	CLARENCE YOUNG PROPERTY	301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
		DIXIE VOL FIRE DEPT	DIXIE DR S OF HWY 64 W	TYLER	32.398602	-95.4149003
		FOOD FAST 54	6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
			6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
			6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
		FOOD FAST 57	11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
			11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
			11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
		HOLLAND AIRCRAFT ENGINE SER	General Delivery	TYLER	32.398602	-95.4149003
		HTC RANCH	General Delivery	TYLER	32.398602	-95.4149003
		JOHNNY MILLER STATION	HWY 64 W	TYLER	32.363036	-95.420204
			HWY 64 W	TYLER	32.363036	-95.420204
			HWY 64 W	TYLER	32.363036	-95.420204
			HWY 64 W	TYLER	32.363036	-95.420204
		JOHNSON AVIATION	353 AIRPORT RD	TYLER	32.362525	-95.4027129
			353 AIRPORT RD	TYLER	32.362525	-95.4027129
						TM

Database count for 75704						
	ERNS	4 RCF	RA-G 2	TXAST	12	
	TXLUST	4 TXS	SPILL 4	TXUST	43	
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE LONGITUDE	
75704	TXUST	KIDD JONES 8	11421 HIGHWAY 64 W	TYLER	22.254467 05.247047	
75704	12021	KIDD JOINES 8	11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917 32.354467 -95.347917	
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917	
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917	
		MEWBOURNE AVIATION DEPART	704 CR 1143	TYLER		
		MEWBOORNE AVIATION DEPART	704 CR 1143	TYLER	32.360303 -95.3909773 32.360303 -95.3909773	
		MINUTE STOP 1	11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737	
		WINOTE STOP I	11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737	
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737	
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737	
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737	
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737	
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737	
		NATIONAL CAR RENTAL	150 AIRPORT DR	TYLER	32.360089 -95.3989967	
		STOP N SHOP	General Delivery	TYLER	32.398602 -95.4149003	
		0.0	General Delivery	TYLER	32.398602 -95.4149003	
			HWY 64 W	TYLER	32.363036 -95.420204	
			HWY 64 W	TYLER	32.363036 -95.420204	
		TYLER TURBINE SALES	1862 CR 1143	TYLER	32.356400 -95.3908186	
			1862 CR 1143	TYLER	32.356400 -95.3908186	
		TYLER TYR ATCT	POUNDS FIELD	TYLER	32.353889 -95.402222	
		USA FOODS	General Delivery	TYLER	32.398602 -95.4149003	
			General Delivery	TYLER	32.398602 -95.4149003	
			General Delivery	TYLER	32.398602 -95.4149003	
			•			

Database count for 75706							
	CERCLIS		RRACT 1	ERNS	1		
	RCRA TSD	2 RCF	RA-G 4	TXAST	20		
	TXLUST	2 TXS	PILL 12	TXUST	76		
FACZIP	DATABASE	SITENAME	ADDRESS	CITY		LONGITUDE	
	DATABAGE	OTTENAME	ADDICEGO	OIII	LAIITODE	LONGITODE	
	0500110	FM 4.4 DDI IM CITE	40.40 FM 4.4	TVLED	20.0044	05 0050	
75706	CERCLIS	FM 14 DRUM SITE	4942 FM 14	TYLER	32.3911 32.418594	-95.2853	
	CORRACT	TYLER PIPE COMPANY A DIVISIO TYLER PIPE COMPANY	11721 US HIGHWAY 69 N SEE BELOW ADDRESS11721 US HIG	TYLER	32.418394	-95.354949 0	
	ERNS	TYLER PIPE COMPANY A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925	
	RCRA TSD	TILER FIFE COMPANT A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925	
	RCRA-G	EAGLE CONSTRUCTION AND ENV		TYLER	32.463061	-95.3864925	
	KCKA-G	TARGET REGIONAL DISTRIBUTIO	13786 HARVEY ROAD	TYLER	32.465929	-95.4182968	
		TYLER PIPE COMPANY A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925	
		TILLER FIFE COMPANT A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925	
	TVACT	FWA TRANSPORTATION	HWY 69 N	TYLER	32.466513	-95.387689	
	TXAST	JOHN SOULES FOODS	10150 FM 14	TYLER	32.410384	-95.276204	
		JOHN SOULES FOODS					
		OIL TRANSPORT	10150 FM 14 419 E NORTHEAST LOOP 323	TYLER	32.410384	-95.276204	
		OIL TRANSPORT PUMPCO		TYLER	32.388318	-95.28281	
			11126 CR 490	TYLER	32.410771	-95.3491731	
		STATES ENVIRONMENTAL OIL SE		TYLER	32.414456	-95.34252	
			CR 489	TYLER	32.414456	-95.34252	
			CR 489	TYLER	32.414456	-95.34252	
			CR 489	TYLER	32.414456	-95.34252	
			CR 489	TYLER	32.414456	-95.34252	
			CR 489	TYLER	32.414456	-95.34252	
			CR 489	TYLER	32.414456	-95.34252	
			CR 489	TYLER	32.414456	-95.34252	
		STRIPING TECHNOLOGY	10112 CR 489	TYLER	32.411991	-95.3424519	
		TRANSIT N PLANT 2069	9041 HIGHWAY 69 N	TYLER	32.404027	-95.348741	
		TYLER ASPHALT	CR 489	TYLER	32.414456	-95.34252	
		TYLER STATE PARK	General Delivery	TYLER	32.447338	-95.3311652	
		WILSON-RILEY	9149 HWY 69 N	TYLER	32.466513	-95.387689	
			9149 HWY 69 N	TYLER	32.466513	-95.387689	
			9149 HWY 69 N	TYLER	32.466513	-95.387689	
	TXLUST	JOHNNYS GARAGE CLOSED	110 N CLAYTON	TYLER	32.351186	-95.284367	
		NU WAY OIL STORE 11135	11135 HWY 69	TYLER	32.428764	-95.363527	
	TXSPILL	BAKER HUGHES ATLAS	FM 95, 1/8 MI SOUTH OF THE INTERS	•			
			FM 95, 1/8 MI SOUTH OF THE INTERS	•			
		EFB TRUCKING CO.	HWY 69 N.	TYLER			
		ELDORADO CHEMICAL	I-20 AT MILE MARKER 517 ALONG TH	•	32.453475	-95.285985	
			I-20 AT MILE MARKER 517 ALONG TH		32.453475	-95.285985	
		GENERIC INCIDENT PRINCIPAL	GENERIC INCIDENT ZIP CODE 75706		0	0	
		LETOURNEAU, INC	ON LETOURNEAU PLANT W OF HIG				
		MCWANE INC	11721 US HIGHWAY 69 N TYLER TX		0	0	
		STOVALL FERTILIZER	INTERSECTION FM 279 @ FM 2010,	Tyler	32.3671	-95.4377	
			INTERSECTION FM 279 @ FM 2010,	Tyler	32.3671	-95.4377	
		UDS / Total Petroleum	3512 S Main St # 69	Tyler	32.4421	-95.3668	
			3512 S Main St # 69	Tyler	32.4421	-95.3668	
	TXUST	BP BARNES	General Delivery	TYLER	32.447338	-95.3311652	
			General Delivery	TYLER	32.447338	-95.3311652	
			General Delivery	TYLER	32.447338	-95.3311652	
		CO-OPERATIVE ROSE GROWERS		TYLER	32.463199	-95.3833499	
			US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499	
			US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499	
		DAVIS COFFEE	General Delivery	TYLER	32.447338	-95.3311652	
						TM	



		Data	abase count for 75706			
	CERCLIS	1	CORRACT 1	ERNS	1	
	RCRA TSD	2	RCRA-G 4	TXAST	20	
	TXLUST	2	TXSPILL 12	TXUST	76	
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75706	TXUST	DAY & NIGHT 82	13341 I 20 W	TYLER	32.469976	-95.358621
73700	17.001	2711 011110111 02	13341 I 20 W	TYLER	32.469976	-95.358621
			13341 I 20 W	TYLER	32.469976	-95.358621
			13341 I 20 W	TYLER	32.469976	-95.358621
		FRANK HOLEY NURSERY	12999 CR 433	TYLER	32.455716	-95.4208062
		FWA TRANSPORTATION	HWY 69 N	TYLER	32.466513	-95.387689
			HWY 69 N	TYLER	32.466513	-95.387689
		JIM HOGG ROAD TEXACO	12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
		JOE EDDIE HITT	390 CR 313 W	TYLER	32.488340	-95.2824578
			390 CR 313 W	TYLER	32.488340	-95.2824578
		JOHN SOULES FOODS	10150 FM 14	TYLER	32.410384	-95.276204
		KIDD JONES 10	13411 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			13411 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			13411 INTERSTATE 20 W	TYLER	32.469976	-95.358621
		KING MART 2	8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
		LOFT BAR B Q	I 20 & HWY 14	TYLER	31.311986	-96.6303878
			I 20 & HWY 14	TYLER	31.311986	-96.6303878
		PAYLESS GAS 620	1201 SPEIGHT	WACO	31.539819	-97.125406
			1201 SPEIGHT	WACO	31.539819	-97.125406
		PILOT TRAVEL CENTER 486	12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
		RABIAS MART	11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
		ROBERT C JACKSON	12816 FM 14	TYLER	32.45133	-95.281892
			12816 FM 14	TYLER	32.45133	-95.281892
			12816 FM 14	TYLER	32.45133	-95.281892
			12816 FM 14	TYLER	32.45133	-95.281892
			12816 FM 14	TYLER	32.45133	-95.281892
		CAND ELANT UNIT	12816 FM 14	TYLER	32.45133	-95.281892
		SAND FLANT UNIT	FM 14 10MI S OF TYLER	TYLER	32.447338	-95.3311652
		SEXTON ROSES	10076 US HIGHWAY 69 N	TYLER	32.410839	-95.346997
		STATE PARK GROCERY	14910 FM 14	TYLER	32.481922	-95.279267
			14910 FM 14	TYLER	32.481922	-95.279267
		TVI ED ELIEL DI AZA	14910 FM 14	TYLER	32.481922	-95.279267
		TYLER FUEL PLAZA	3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236



		Databas	e count for 75706			
	CERCLIS	1 CO	RRACT 1	ERNS	1	
	RCRA TSD	2 RC	RA-G 4	TXAST	20	
	TXLUST	2 TXS	SPILL 12	TXUST	76	
FACZIP						
FACZIF	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75706	TXUST	TYLER FUEL PLAZA	3512 S MAIN ST	TYLER	32.469338	-95.387236
70700			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
		TYLER STATE PARK	General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
		UNITED FUEL & ENGERGY SFS Y	10449 HWY 69 N	TYLER	32.466513	-95.387689
			10449 HWY 69 N	TYLER	32.466513	-95.387689
		UNITY 6	General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
		WILSON-RILEY	General Delivery	TYLER	32.447338	-95.3311652
		YELLOW TRANSPORTATION	3722 N NORTHEAST LOOP	323 TYLER	32.385972	-95.268706

Database count for 75771						
DRYC 3 R	CRA-G 2	TXAST	8			
TXLF 1 T.	XLUST 16	TXSPILL	8			
TXUST 94						
EACZID	4000500	OLTY	LATITUDE	LONGITUDE		
PACZIP DATABASE SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE		
75771 DRYC LINDALE CLEANERS	1406 S MAIN ST	LINDALE	32.502648	-95.406198		
	FM 849 @ I 20	LINDALE	32.516287	-95.4004723		
VIP CLEANERS - LINDALE	903A S MAIN ST	LINDALE	32.507728	-95.4081199		
RCRA-G HAWLEY SANITATION	16988 COUNTY ROAD 476	LINDALE	32.514803	-95.445846		
WAL-MART STORES TEXAS LLC	2 105 CENTENNIAL BLVD	LINDALE	32.475626	-95.389503		
TXAST LOWES OF LINDALE TX 1965	3200 S MAIN ST	LINDALE	32.474752	-95.3911366		
R OASIS	14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266		
	14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266		
	14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266		
	14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266		
SMITH CO PRECINCT FOUR	CR 4112	LINDALE	32.529091	-95.4091575		
TRANSPORTATION GARAGE	605 BRAD CIR	LINDALE	32.506138	-95.4055929		
THE HAMI EV PEOVOLING	605 BRAD CIR	LINDALE	32.506138	-95.4055929		
TXLF HAWLEY RECYCLING	16988 COUNTY ROAD 476 LINDALE,		32.51611	-95.44583		
TXLUST ABANDONED STATION GILLIS F			32.5372	-95.5274		
ALLEN CANNING CO BILL PARROTT	200 NORTH ST COOPER ST @ HWY 69	LINDALE	32.517312	-95.411261		
CHEVRON CORNER MARKET	147 TH 20	LINDALE LINDALE	32.510194	-95.40927		
CITY OF LINDALE	201 N MAIN	LINDALE	32.46875 32.5129	-95.447543 -95.4341		
HIDE A WAY LAKE CLUB MARIN		LINDALE	32.4841	-95.4638		
KIDD JONES LINDALE	303 S MAIN ST	LINDALE	32.5129	-95.4341		
LOVES COUNTRY STORE 225	I 20 @ HWY 110	LINDALE	32.46875	-95.447543		
M & M TRUCK STOP	310 N MAIN ST	LINDALE	32.517701	-95.409966		
NUWAY FFP 247	907 S MAIN	LINDALE	32.5129	-95.4341		
RITE TRACK 9	18562 FM 14	LINDALE	32.532	-95.2711		
ROAD RUNNER 109	IH 20 @ HWY 69 N	TYLER	32.453475	-95.285985		
RUNNING W TRUCK STOP	24782 W IH 20	LINDALE	32.499716	-95.584357		
SMITH COUNTY ROAD DEPT LIN	ND COUNTY RD 4112	LINDALE	32.533	-95.4084		
TEXACO SERVICE STATION	IH 20 @ HWY 69	LINDALE	32.46875	-95.447543		
TOTAL STORE 4539	3512 S MAIN ST	LINDALE	32.469373	-95.387801		
TXSPILL ALLEN CANNING CO.	PLATFORM SCALE AREA, LINDALE F	LINDALE				
DORA BRYANT	COUNTY RD. 433, 0.5 MI S OF FM 849	LINDALE	32.493992	-95.421729		
GATEWAY FENCE CO.	18552 HWY 69 N, LINDALE,TX 75771	LINDALE				
	18552 HWY 69 N. LINDALE	LINDALE				
MEGA GULF COAST LINES INC	GENERIC INCIDENT ZIP CODE 75771	LINDALE	0	0		
Quality Liquid Feeds	Corner of Houston & Jackson Streets, S	Lindale				
	Corner of Houston & Jackson Streets, S					
TEXAS DEPARTMENT OF TRAN			0	0		
TXUST 882 CO LINDALE SWAN	HWY 69	LINDALE	32.509009	-95.408851		
ABANDONED STATION	CR 445	GARDEN VALL	32.544846	-95.5251648		
ALLEN CANNING COMPANY	200 W NORTH ST	LINDALE	32.517351	-95.4112136		
ADMADU A COUNTRY OTORS	200 W NORTH ST	LINDALE	32.517351	-95.4112136		
ARMADILLO COUNTRY STORE		LINDALE	32.487786	-91.9773831		
	24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831		
	24782 INTERSTATE 20 W 24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831 -01.0773831		
BOBBY L WELLS	RT 3	LINDALE LINDALE	32.487786 30.867659	-91.9773831 -94.6943444		
BORAL HENDERSON CLAY PRO		LINDALE	32.515697	-94.0943444		
DONAL HEINDERGON GEAT FRO	General Delivery	LINDALE	32.515697	-95.4093998		
BROOKSHIRE GROCERY 3	521 S MAIN ST	LINDALE	32.509666	-95.408515		
	-					



Database count for 75771							
	DRYC	· · · · · · · · · · · · · · · · · · ·	RA-G 2	TXAST	8		
	TXLF	1 TXL	UST 16	TXSPILL	8		
	TXUST	94					
E407ID	17031	94					
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE	
75771	TXUST	CITY OF LINDALE	201 N MAIN ST	LINDALE	32.517128	-95.4099647	
			201 N MAIN ST	LINDALE	32.517128	-95.4099647	
			201 N MAIN ST	LINDALE	32.517128	-95.4099647	
		CREWS N BUY MART	907 S MAIN ST	LINDALE	32.507112	-95.408526	
			907 S MAIN ST	LINDALE	32.507112	-95.408526	
			907 S MAIN ST	LINDALE	32.507112	-95.408526	
			907 S MAIN ST	LINDALE	32.507112	-95.408526	
			907 S MAIN ST	LINDALE	32.507112	-95.408526	
		GARDEN VALLEY GOLF CLUB	22049 FM 1995	LINDALE	32.483715	-95.53998	
			22049 FM 1995	LINDALE	32.483715	-95.53998	
		GOLF COURSE MAINT BARN	SERVICE TO IH 20 RD	LINDALE	32.515697	-95.4093998	
			SERVICE TO IH 20 RD	LINDALE	32.515697	-95.4093998	
		HIDE-A-WAY CLUB MARINA	1259 HIDEAWAY LN W	HIDEAWAY	32.49923	-95.453897	
		KEN WILLIAMS EXXON	206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998	
			206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998	
			206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998	
		KIDD JONES LINDALE	303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
		LAST DAYS EVANGELICAL ASSO	General Delivery	LINDALE	32.515697	-95.4093998	
		LINDALE PLANT	HWY 69	LINDALE	32.509009	-95.408851	
			HWY 69	LINDALE	32.509009	-95.408851	
		LINDALE STATE BANK	107 N MAIN ST	LINDALE	32.516180	-95.4097615	
			107 N MAIN ST	LINDALE	32.516180	-95.4097615	
			107 N MAIN ST	LINDALE	32.516180	-95.4097615	
			107 N MAIN ST	LINDALE	32.516180	-95.4097615	
			107 N MAIN ST	LINDALE	32.516180	-95.4097615	
		LINDALE TXD980598999	2 5 MI NE OF LINDALE	LINDALE	32.515697	-95.4093998	
		LOVES COUNTRY STORE 225	I 20 & SR 110	LINDALE	32.515697	-95.4093998	
			I 20 & SR 110	LINDALE	32.515697	-95.4093998	
			I 20 & SR 110	LINDALE	32.515697	-95.4093998	
			I 20 & SR 110	LINDALE	32.515697	-95.4093998	
			I 20 & SR 110	LINDALE	32.515697	-95.4093998	
			I 20 & SR 110	LINDALE	32.515697	-95.4093998	
			I 20 & SR 110	LINDALE	32.515697	-95.4093998	
		M & M TRUCK STOP	310 N MAIN	LINDALE	32.51822	-95.410571	
			310 N MAIN	LINDALE	32.51822	-95.410571	
			310 N MAIN	LINDALE	32.51822	-95.410571	
		MAINTENANCE GARAGE	BOYD ST	LINDALE	32.510078	-95.4126511	
		MEA NURSERY	N HWY 69	LINDALE	32.541852	-95.419957	
			N HWY 69	LINDALE	32.541852	-95.419957	
			N HWY 69	LINDALE	32.541852	-95.419957	
		MURPHY USA 7255	2318 S MAIN ST	LINDALE	32.484913	-95.3968308	
		MONTH OOM 1200	2010 O IVIAIIN O1	LINDALL	JZ. <del>7</del> 04313	33.3300300	

			se count for 75771			
	DRYC	3 RC	CRA-G 2	TXAST	8	
	TXLF	1 TX	CLUST 16	TXSPILL	8	
	TXUST	94				
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
		<del></del>				
75771	TXUST	MURPHY USA 7255	2318 S MAIN ST	LINDALE	32.484913	-95.3968308
		POPS FUEL STOP	802 N MAIN	LINDALE	32.523784	-95.411955
			802 N MAIN	LINDALE	32.523784	-95.411955
			802 N MAIN	LINDALE	32.523784	-95.411955
		QUIX 493 COUNTRY STORE	17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
		R OASIS	14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
		R TIGER EXPRESS	21126 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			21126 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			21126 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
		RACETRAC 406	3318 S MAIN ST	LINDALE	32.471523	-95.388882
			3318 S MAIN ST	LINDALE	32.471523	-95.388882
			3318 S MAIN ST	LINDALE	32.471523	-95.388882
		RITE TRACK 9	18562 FM 14	LINDALE	32.535563	-95.270554
			18562 FM 14	LINDALE	32.535563	-95.270554
		SMITH CO PRECINCT FOUR	CR 4112	LINDALE	32.529091	-95.4091575
			CR 4112	LINDALE	32.529091	-95.4091575
		STUCKEYS	I 20 & HWY 110	LINDALE	32.515697	-95.4093998
			I 20 & HWY 110	LINDALE	32.515697	-95.4093998
			I 20 & HWY 110	LINDALE	32.515697	-95.4093998
		TRANSPORTATION GARAGE	605 BRAD CIR	LINDALE	32.506138	-95.4055929
		TWIN OAKS RANCH	W HWY 16	LINDALE	32.515697	-95.4093998
		VACANT	HWY 69 & COOPER	LINDALE	32.510226	-95.4085983
			HWY 69 & COOPER	LINDALE	32.510226	-95.4085983
			HWY 69 & COOPER	LINDALE	32.510226	-95.4085983
		VACANT STORE	910 S MAIN ST	LINDALE	32.507684	-95.4081115
			910 S MAIN ST	LINDALE	32.507684	-95.4081115
		WAL-MART SUPERCENTER 3764	105 CENTENNIAL BLVD	LINDALE	32.475626	-95.389503



# **Environmental Data Search**

for the site

Lindale Reliever Route
US 69 / Loop 49, Lindale, TX

99121B

performed for

**Hicks & Company** 

4/8/2013

HICY6698

## **Preface**



This document of environmental concerns near US 69 / Loop 49, Lindale, TX reports findings of the TelALL data search, prepared on the request of Hicks & Company.

TelALL Corporation (TelALL) has designed this document to comply with the AAI and ASTM standard E 1527 - 05 (Accuracy and Completeness) and has used all available resources, but makes no claim to the entirety or accuracy of the cited government, state, or tribal records. Our databases are updated at least every 90 days or as soon as possible after publication by the referenced agencies. The following fields of governmental, state, and tribal databases may not represent all known, unknown, or potential sources of contamination to the referenced site. Many different variables effect the outcome of the following document. TelALL maintains extremely high standards, and stringent procedures that are used to search the referenced data. However, TelALL reserves the right at any time to amend any information related to this report. If there is a need for further information regarding this report, or for any customer support please call TelALL at 800 583-0004 for assistance.

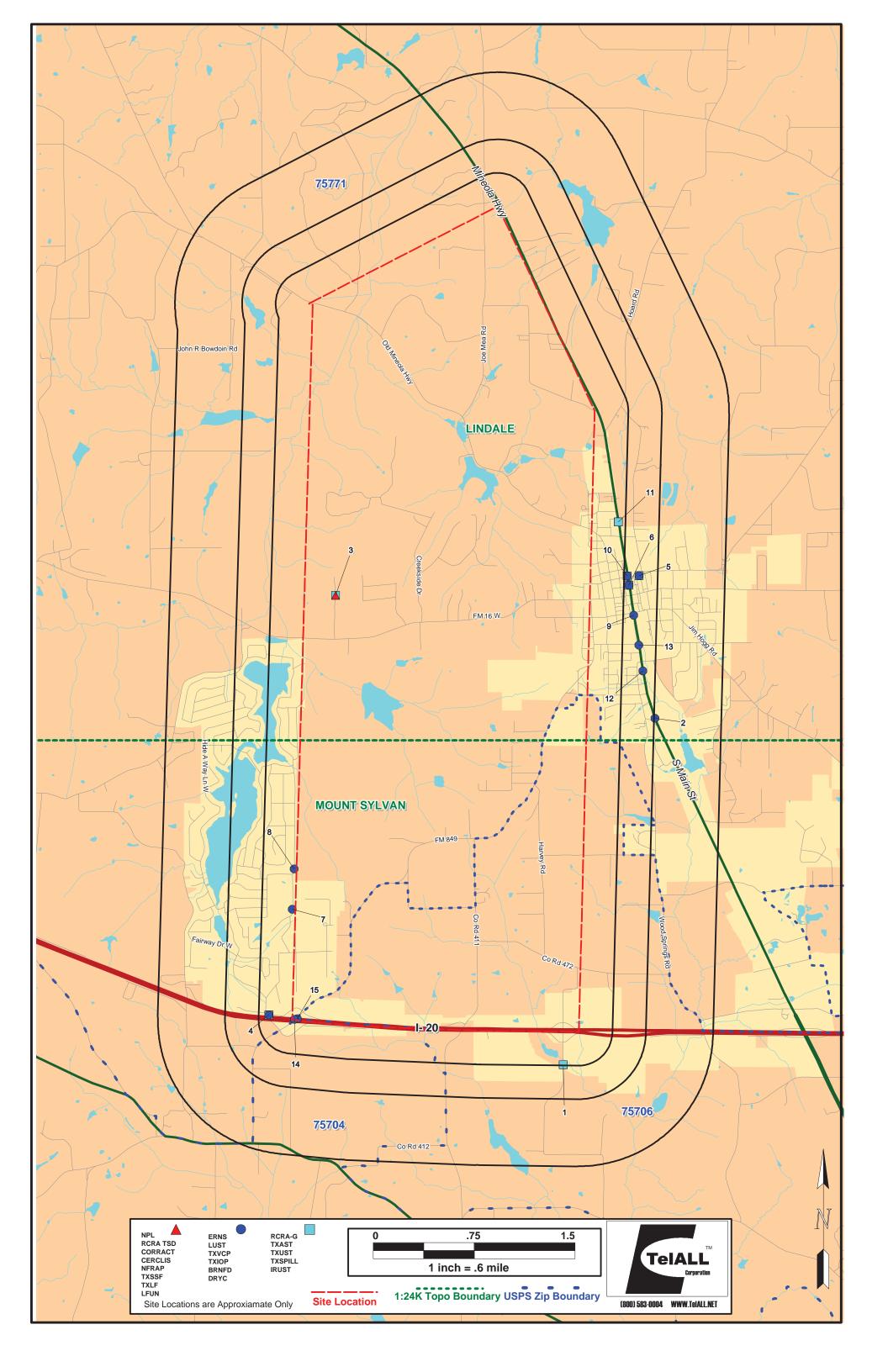
This report is divided into the following components:

MAP Identified geocodeable findings relative to this data search.SUMMARY 1 Sorting of the identified sites by distance from the subject site.

**FINAL** A description of each database and a detailed explanation of findings.

Sources		Last	Minimum Search	
Database	Acronym	Updated	Distance	Findings
National Priority List	NPL	12/2012	1	0
Comprehensive Environmental Response, Compensation, and Liability Information System	CERCLIS	12/2012	0.5	0
No Further Remedial Action Planned	NFRAP	12/2012	0.5	0
Resource Conservation and Recovery Information System - Treatment Storage or Disposal	RCRA TSD	01/2013	1	0
Corrective Action	CORRACT	01/2013	1	0
Resource Conservation and Recovery Information System - Generators	RCRA-G	01/2013	0.25	3
Emergency Response Notification System	ERNS	02/2013	0.25	3
Texas Voluntary Cleanup Program	TXVCP	01/2013	0.5	0
Innocent Owner/Operator Program	TXIOP	01/2013	0.5	0
Texas State Superfund	TXSSF	02/2013	1	0
TCEQ Solid Waste Facilities	TXLF	12/2012	1	2
Unauthorized and Unpermitted Landfill Sites	LFUN	12/2012	0.5	1
Leaking Underground Storage Tanks	TXLUST	02/2013	0.5	8
Texas Underground Storage Tanks	TXUST	02/2013	0.25	20
Texas Above Ground Storage Tanks	TXAST	02/2013	0.25	0
Texas Spills List	TXSPILL	12/2012	0.25	1
Brownfield	BRNFD	01/2013	0.5	0
Dry Cleaner	DRYC	02/2013	0.5	2
Indian Reservation Underground Storage Tanks	IRUST	02/2013	0.25	0







Distance/Direction Database

Site

## Sites Sorted By Distance from Center

Page 1 Job

Site Name

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Number Address City/State IRUST NO FINDINGS WITHIN 1/4 MILE. NO FINDINGS WITHIN ONE MILE. RCRA TSD NO FINDINGS WITHIN ONE MILE. CORRACT TXVCP NO FINDINGS WITHIN 1/2 MILE. **NFRAP** NO FINDINGS WITHIN 1/2 MILE. NO FINDINGS WITHIN 1/2 MILE. **CERCLIS** NPL NO FINDINGS WITHIN ONE MILE. **BRNFD** NO FINDINGS WITHIN 1/2 MILE. **TXSSF** NO FINDINGS WITHIN ONE MILE. **TXAST** NO FINDINGS WITHIN 1/4 MILE. **TXIOP** NO FINDINGS WITHIN 1/2 MILE. **TXLF** 3 16988 COUNTY ROAD 476 LINDALE SMITH HAWLEY RECYCLING RCRA-G 3 16988 COUNTY ROAD 476 LINDALE HAWLEY SANITATION DRYC 14 FM 849 @ L20 LINDALE LINDALE CLEANERS **ERNS** INTERSTATE 20 FARM MARKET RD FM 84 **GULF COAST TRANSPORT** 15 LYNDALL .01 W **ERNS** 7 234 HIDEAWAY LYNDALE **GIBRALTAR** W **ERNS** 302 HIDEAWAY LANE LINDALE ALL POINTS MOVING STORAGE 8 .16 **TXUST** LINDALE KIDD JONES HIDEAWAY W 4 17080 INTERSTATE 20 W W **TXLUST** 4 17080 I 20 LINDALE QUIX 493 COUNTRY STORE 4 W **TXUST** 17080 INTERSTATE 20 W LINDALE KIDD JONES HIDEAWAY W **TXUST** 4 17080 INTERSTATE 20 W LINDALE KIDD JONES HIDEAWAY W **TXUST** 4 17080 INTERSTATE 20 W LINDALE KIDD JONES HIDEAWAY W **TXUST** 4 17080 INTERSTATE 20 W LINDALE KIDD JONES HIDEAWAY .2 Е **TXUST** 11 802 N MAIN LINDALE POPS FUEL STOP Е **TXUST** 11 802 N MAIN LINDALE POPS FUEL STOP Е **TXUST** 802 N MAIN LINDALE POPS FUEL STOP 11 .25 S 13786 HARVEY ROAD RCRA-G TYI FR TARGET REGIONAL DISTRIBUTION C 1 S **TYLER** TARGET CORP - DISTRIBUTION CENT RCRA-G 13786 COUNTY ROAD 433 1 .25 Е **TXUST** 201 N MAIN ST LINDALE CITY OF LINDALE 6 Е **TXUST** 6 201 N MAIN ST LINDALE CITY OF LINDALE Е LINDALE **TXLUST** 6 201 N MAIN CITY OF LINDALE Е **TXUST** 201 N MAIN ST LINDALE CITY OF LINDALE 6 Е TXLUST 10 310 N MAIN ST LINDALE M & M TRUCK STOP Е LINDALE M & M TRUCK STOP **TXUST** 10 310 N MAIN Е **TXUST** 310 N MAIN LINDALE M & M TRUCK STOP 10 Е **TXUST** 10 310 N MAIN LINDALE M & M TRUCK STOP .34

LINDALE

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KIDD JONES LINDALE

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**TXLUST** 

TXUST

**TXUST** 

**TXLUST** 

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5

303 S MAIN ST

200 W NORTH ST

200 W NORTH ST

200 NORTH ST



# **Sites Sorted By Distance from Center**

99121B Lindale Reliever Route US 69 / Loop 49, Lindale, TX Page 2 Job HICY6698 Date 4/8/2013

		Site			24.0 1/0/2010
Distance/Direction	on Database	Number	Address	City/State	Site Name
.38					
E	TXLUST	13	COOPER ST @ HWY 69	LINDALE	BILL PARROTT
.4					
E	TXLUST	12	907 S MAIN	LINDALE	NUWAY FFP 247
.5					
E	DRYC	2	1406 S MAIN ST	LINDALE	LINDALE CLEANERS
Site Location U	nknown				
	TXLF	unknown	2.5 MILES W OF JUNCTION OF US HIGHW	SMITH	HIDE-A-WAY LAKE LANDFILL
	TXUST	unknown	BOYD ST	LINDALE	MAINTENANCE GARAGE
	TXLUST	unknown	COUNTY RD 4112	LINDALE	SMITH COUNTY ROAD DEPT LINDALE
	TXSPILL	unknown	COUNTY RD. 433, 0.5 MI S OF FM 849, LIN	LINDALE	DORA BRYANT
	TXUST	unknown	N HWY 69	LINDALE	MEA NURSERY
	TXUST	unknown	N HWY 69	LINDALE	MEA NURSERY
	TXUST	unknown	N HWY 69	LINDALE	MEA NURSERY
	LFUN	unknown	RT. 1. BOX 743-SMALL SECTION JOINING	SMITH	HIDE-A-WAY LAKE CLUB





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## **NPL**

## National Priority List

NPL is a priority subset of the CERCLIS list. (See CERCLIS, below) The Cerclis list was created by the Comprehensive Environmental Response, Compensation and Liability Acts (CERCLA) need to track contaminated sites. CERCLA was enacted on 12/11/80, and amended by the Superfund Amendments and Reauthorization Act of 1986. These acts established broad authority for the government to respond to problems posed by the release, or threat of release of hazardous substances, pollutants, or contaminants. CERCLA also imposed liability on those responsible for releases and provided the authority for the government to undertake enforcement and abatement action against responsible parties. Institutional/Engineering Controls searched. Delisted NPL sites are included.

Source: United States Environmental Protection Agency (EPA)

Database: NPL

**Site:** No findings within one mile.

Distance: 0
Address
Zip Code
City:

## **CERCLIS**

# Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS is the official repository for site and non-site specific Superfund data in support of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). It contains information on hazardous waste site assessment and remediation from 1983 to the present. CERCLIS information is used to report official Superfund accomplishments to Congress and the public, assist EPA Regional and Headquarters managers in evaluating the status and progress of site cleanup actions, track Superfund Comprehensive Accomplishments Plan (SCAP), and communicate planned activities and budgets. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: CERCLIS

**Site:** No findings within 1/2 mile.

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#### **NFRAP**

# No Further Remedial Action Planned

NFRAP Sites indicate a CERCLIS site that was designated "No further remedial action planned" by the EPA February 1995. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: NFRAP

**Site:** No findings within 1/2 mile.

Distance: 0
Address
Zip Code
City:

## **RCRATSD**

# Resource Conservation and Recovery Information System - Treatment Storage or Disposal

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA TSD (Treatment Storage or Disposal) is a subset of the RCRIS list. RCRA TSD tracks facilities that fall under the Treatment Storage or Disposal classification.

Source: United States Environmental Protection Agency (EPA)

Database: RCRA TSD

**Site:** No findings within one mile.



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# **CORRACT**

# **Corrective Action**

CORRACT lists RCRIS (Resource Conservation and Recovery Information System) sites that are currently under corrective action. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: CORRACT

**Site:** No findings within one mile.



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## **RCRA-G**

# Resource Conservation and Recovery Information System - Generators

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste, are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA-G (Generators) list is a subset of the RCRIS list. RCRA-G tracks facilities that fall under the generators or transporters classification.

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS (CESQG) produce less than 100 kg per month of hazardous waste. SMALL QUANTITY GENERATORS (SQG) produce at least 100 kg per month but less than 1000 kg per month of hazardous waste. LARGE QUANTITY GENERATORS (LQG) produce at least 1000 kg per month of hazardous waste. Source: United States Environmental Protection Agency (EPA)

3

Database: RCRA-G

Site: HAWLEY SANITATION

Distance: 0

Address 16988 COUNTY ROAD 476

**Zip Code** 75771 **City:** LINDALE

EPA ID: TXR000078050 - Site type: Transporter Contact Information: JIMMY HAWLEY, PO BOX 1121 LINDALE, TX, 75771, Tel. 903-882-4839 OR NAIC (North American Industrial Classification) Code(s): 562112

1

Database: RCRA-G

Site: TARGET CORP - DISTRIBUTION CENTER T0578

Distance: 0.25 S

Address 13786 COUNTY ROAD 433

**Zip Code** 75706 **City:** TYLER

EPA ID: TXR000080037 - Site type: Small Quantity Generator Contact Information: STEVE MUSSER, PO BOX 111 MINNEAPOLIS, MN, 55440, Tel. 800-5872228 NAIC (North American Industrial Classification) Code(s): 49311

EPA ID: TXR000061028 - Site type: Conditionally Exempt Small Quantity Generator Contact Information: MARK SCHWARZE, PO BOX 111 MINNEAPOLIS, 554400111, Tel. 62-696-4014 NAIC (North American Industrial Classification) Code(s): 452112



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## **ERNS**

# **Emergency Response Notification System**

ERNS supports the release notification requirements of section 103 of the Comprehensive Environmental Response Compensation, and Liability Act (CERCLA), as amended; section 311 of the Clean Water Act; and sections 300.51 and 300.65 of the National Oil and Hazardous Substances Contingency Plan. Additionally, ERNS serves as a mechanism to document and verify incident-location information as initially reported, and is utilized as a direct source of easily accessible data, needed for analyzing oil and hazardous substances spills.

Source: National Response Center (NRC)

15

Database: ERNS

Site: GULF COAST TRANSPORT

Distance: 0

Address INTERSTATE 20 FARM MARKET RD FM 849

**Zip Code** 

City: LYNDALL

ERNS ID NUMBER 384541, ON 4/22/1994 0 UNK OF SODIUM HYDROXIDE, WAS REPORTED AS RELEASED. TRACTOR TRAILER/DRIVER LOST CONTROL, OVERTURNED/1 VEH ACCID. TRACTOR TRAILER/DRIVER LOST CONTROL,OVERTURNED/1 VEH ACCIDENT RESPONSE BY EMTEC/EVACUATED AREA WITHIN 1/2 MILE RADIUS/TRAFFIC ROUTED EASTBOUND CLOSED FOR 2 HOURS/WESTBOUND CLOSED UNTIL EVENING 50 YD RADIUS OF SOIL WAS REMOVED/ACCIDENT OCCURRED IN WESTBOUND LANE INJURY WAS TO DRIVER OF TRACTOR TRAILER/DRIVER WAS TREATED AND RELEASE

7

Database: ERNS

Site: GIBRALTAR

Distance: 0.01 W

Address 234 HIDEAWAY

**Zip Code** 

City: LYNDALE

ERNS ID NUMBER 333483 ,ON 7/26/1993 0 UNK OF ROTTEN EGG SMELL, WAS REPORTED AS RELEASED. DEEP WELL INJECTION DEEP WELL INJECTION NONE



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8

Database: ERNS

Site: ALL POINTS MOVING STORAGE

Distance: 0.01 W

Address 302 HIDEAWAY LANE

**Zip Code** 

City: LINDALE

ERNS ID NUMBER 172200 ,ON 7/13/1990 50 GAL OF OIL: DIESEL, WAS REPORTED AS RELEASED. SEMI TRACTOR ACCIDENTALLY ROLLED INTO POND AND RUPTURED ITS FUEL LINE PRECISION INTERNATIONAL DID CLEANUPS

#### **TXVCP**

# Texas Voluntary Cleanup Program

Created under HB 2296, The Voluntary Cleanup Program (VCP) was established on 09/01/95 to provide administrative, technical, and legal reasons to promote the cleanup of tainted sites in Texas. Since future lenders and landowners get protection from liability to the State of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate deals at those sites are removed. As a result, many unused or under used sites may be restored to economically productive or community beneficial uses. After cleanup, the parties get a certificate of completion from the TCEQ which states that all lenders and future land owners who are not PRP's are free from all liability to the State. Institutional/Engineering Controls searched.

Parts of the above description were taken from the TCEQ/VCP Website (http://www.TCEQ.state.tx.us/permitting/remed/vcp/). The investigation phases are listed as INVESTIGATION, REMEDIATION, POST-CLOSURE, and COMPLETE. Contaminant Categories (PERC and BTEX). Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXVCP

**Site:** No findings within 1/2 mile.



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#### **TXIOP**

# Innocent Owner/Operator Program

The TX IOP, created by House Bill 2776 of the 75th Leg, provides a cert. to an innocent owner or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not loc. on the prop., and they did not cause or contribute to the source or sources of contamination. Like the TxVCP Prog., the IOP can be used as a redevelopment tool or as a tool to add value to a contaminated prop. by providing an Innocent Owner/Operator Certificate (IOC). However, unlike the VCP release of liability, IOCs are not trans. to future owners/oper's. Future owners/oper's are eligible to enter the IOP and may rec. an IOC only after they become an owner or operator of the site.

The above description were taken from the TCEQ/IOP Website (http://www.TCEQ.state.tx.us/permitting/remed/vcp/iop.html). Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXIOP

**Site:** No findings within 1/2 mile.

Distance: 0 Address Zip Code City:

## **TXSSF**

## **Texas State Superfund**

The Texas State Superfund database is a list of sites that the State of Texas has identified for investigation or remediation. Texas State Superfund sites are reviewed for potential upgrading to Comprehensive Environmental Response, Compensation, and Liability Information System status by the federal Environmental Protection Agency. Institutional/Engineering Controls searched.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXSSF

**Site:** No findings within one mile.



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#### **TXLF**

## TCEQ Solid Waste Facilities

Texas Commission on Environmental Quality (TCEQ) Requires municipalities and counties to report known active and inactive landfills. Texas Landfills is a listing of solid waste facilities registered and tracked by the TCEQ Solid waste division. The facilities tracked include solid waste disposal sites as well as transfer stations and processing stations.

Source: Texas Commission on Environmental Quality (TCEQ)

3

Database: TXLF

Site: HAWLEY RECYCLING

Distance: 0

Address 16988 COUNTY ROAD 476 LINDALE

**Zip Code** 

City: SMITH

Site ID: 100045 - Permit app. received date: 11/9/2004. Facility type: RESOURCE PECOVERY/RECYCLING FACILITY. Site status: ACTIVE, Permit status: ISSUED, Business type: INDIVIDUAL, Permitted acreage: N/A, Population served: Unknown, Area served: LINDALE CITY. Tons per day: N/A, Yards per day: N/A, Estimated closing date: Unknown. App. name, address, phone number: CN602830739, Hawley Recycling, PO BOX 1121 LINDALE, TX 75771-1121, (903) 882 - 4839.

16

Database: TXLF \*Not mapped\*
Site: HIDE-A-WAY LAKE LANDFILL

Distance: Site Location Unknown

Address 2.5 MILES W OF JUNCTION OF US HIGHWAY 69 AND FM 16 ADJACENT

TO S SIDE OF FM

**Zip Code** 

City: SMITH

Site ID: 1154 - Permit app. received date: Unknown. Facility type: SANITARY LANDFILL FOR BRUSH AND/OR CONSTRUCTION-DEMOLITION MATERIAL, MONTHLY COVER REQUIRED. Site status: CLOSED, Permit status: REVOKED, Business type: 03, Permitted acreage: 5, Population served: 400, Area served: HIDE A WAY LAKE. Tons per day: 1, Yards per day: Unknown, Estimated closing date: 10/1/1982. App. name, address, phone number: Unknown, Unknown, N/A.



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## **LFUN**

# Unauthorized and Unpermitted Landfill Sites

Unauthorized sites have no permit and are considered abandoned. All information about these sites was compiled by Southwest Texas State University under contract with TCEQ and is based on a search of publicly available records.

Source: Texas Commission on Environmental Quality (TCEQ)

21

Database: LFUN \*Not mapped\*

Site: Hide-A-Way Lake Club

Distance: Site Location Unknown

Address RT. 1, BOX 743-SMALL SECTION JOINING HWY 16 AT BACK OF

PROPERTY

**Zip Code** 

City: SMITH

Site ID: 617 - The Date of first use is unknownApproximate date of last use: 1975. Owners name: Hide-a-way Lake Club - PRP: Club. Site size is unknown. Contains Household waste. Inspection notes: 5/1/75-Evidence of burning observed; Distance to nearest water course is adjacent; Area fill operation; closure confirmed in TDH memo dated 8/75. Possibly the same as permit no. 1154 according to COG reviewer



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## **TXLUST**

# **Leaking Underground Storage Tanks**

State lists of leaking underground storage tank sites. Section 9003(h) of Subtitle I of RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so.

Source: Texas Commission on Environmental Quality (TCEQ)

4

Database: TXLUST

Site: QUIX 493 COUNTRY STORE

Distance: 0.16 W
Address 17080 I 20
Zip Code 75771
City: LINDALE

Leaking petroleum storage tank identification number (LPSTID) 118480. The subject tank release was reported on 2/3/2011 PRIORITY: 3.5 - A DESIGNATED MAJOR OR MINOR AQUIFER IS IMPACTS TO RECEPTORS. STATUS: 6P - FINAL CONCURRENCE PENDING DOCUMENTATION OF WELL PLUGGING. Facility ID # 0018945 PRP info: STRASBURGER ENTERPRISES INC, PO BOX 6117, TEMPLE TX 76503 Contact: GREG STRASBURGER Tel: 254/778-3547 Location description: 17080 I 20

6

Database: TXLUST

Site: CITY OF LINDALE

**Distance:** 0.251 E **Address** 201 N MAIN

**Zip Code** 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 097105. The subject tank release was reported on 11/1/1990 PRIORITY: 4A - SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & RAP. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED. Facility ID # 0047934 PRP info: CITY OF LINDALE, PO BOX 130, LINDALE TX 75771 Contact: SCOTT EPPERSON Tel: 903/882-3422 Location description: 201 N MAIN



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10

Database: TXLUST

Site: M & M TRUCK STOP

Distance: 0.251 E

Address 310 N MAIN ST

**Zip Code** 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 102146. The subject tank release was reported on 4/17/1992 PRIORITY: 5 - MINOR SOIL CONTAMINATION-DOES NOT REQUIRE A RAP. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED. Facility ID # 0062451 PRP info: BOYD B L, 619 BEAN ST, KILGORE TX 75662 Contact: B L BOYD Tel: 903/983-2659 Location description: 310 N MAIN ST N HWY 69 @ BRAZIL ST

9

Database: TXLUST

Site: KIDD JONES LINDALE

Distance: 0.339 E

Address 303 S MAIN ST

**Zip Code** 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 116994. The subject tank release was reported on 10/3/2006 PRIORITY: 3.2 - IMPACTED GW W/IN 500FT-0.25MI TO SW USED BY HUMAN, ENDGR SPEC. STATUS: 2 - SITE ASSESSMENT. Facility ID # 0039220 PRP info: JERRY KIDD OIL CO, PO BOX 365, CHANDLER TX 75758 Contact: DAVID KIDD Tel: 903/849-6265 Location description: 303 S MAIN ST

5

Database: TXLUST

Site: ALLEN CANNING CO

Distance: 0.359 E

Address 200 NORTH ST

**Zip Code** 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 096445. The subject tank release was reported on 8/14/1990 PRIORITY: 4A - SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & RAP. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED. Facility ID # is unknown. PRP info: ALLEN CANNING CO, PO BOX 250, SILOAM SPRINGS AR 72761 Contact: BOB RUSH Tel: 800/643-3646 Location description: 200 NORTH ST



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13

Database: TXLUST

Site: BILL PARROTT

Distance: 0.377 E

Address COOPER ST @ HWY 69

**Zip Code** 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 102406. The subject tank release was reported on 4/1/1992 PRIORITY: 2.5 - GW IMPACT, PUBLIC/DOMESTIC WATER SUPPLY WELL W/IN 0.25MI. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED. Facility ID # 0062247 PRP info: PARROT BILL, PO BOX 457, LINDALE TX 75771 Contact: BILL PARROTT Tel: 903/882-9262 Location description: COOPER ST @ HWY 69

12

Database: TXLUST

Site: NUWAY FFP 247

Distance: 0.403 E

Address 907 S MAIN

**Zip Code** 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 104367. The subject tank release was reported on 10/2/1992 PRIORITY: 2.5 - GW IMPACT, PUBLIC/DOMESTIC WATER SUPPLY WELL W/IN 0.25MI. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED. Facility ID # 0018510 PRP info: FFP OPERATING PARTNERS, 2801 GLENDA AVE, FORT WORTH TX 76117 Contact: ROBERT BYRNES Tel: 817/838-4721 Location description: 907 SOUTH MAIN & HIGHWAY 69 S

18

Database: TXLUST \*Not mapped\*

Site: SMITH COUNTY ROAD DEPT LINDALE

**Distance:** Site Location Unknown **Address** COUNTY RD 4112

**Zip Code** 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 098602. The subject tank release was reported on 4/15/1991 PRIORITY: 3.5 - A DESIGNATED MAJOR OR MINOR AQUIFER IS IMPACTS TO RECEPTORS. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED. Facility ID # 0047363 PRP info: SMITH COUNTY FIRE MARSHAL, 106 E ELM ROOM 400, TYLER TX 75702 Contact: CHARLES E SHINE Tel: 903/535-0965 Location description: COUNTY RD 4112



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## **TXUST**

# Texas Underground Storage Tanks

Underground Storage Tanks - Permitted underground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

Source: Texas Commission on Environmental Quality (TCEQ)

4

Database: TXUST

Site: KIDD JONES HIDEAWAY

Distance: 0.16 W

Address 17080 INTERSTATE 20 W

**Zip Code** 75771 **City:** LINDALE

Facility ID number 0018945, TCEQ unit ID number 00215802, tank ID number 4,date installed (MMDDYYYY) 09272011, total capacity in gallons: 0020000 Tank is currently in use. Tank compartments: Compartment A: Gasoline. Capacity 0020000 gal The tank construction is of composite - double wall. The owner of the facility is JERRY KIDD OIL COMPANY, the telephone number listed for the owner is 903-849-6265.

Facility ID number 0018945, TCEQ unit ID number 00215803, tank ID number 5,date installed (MMDDYYYY) 09272011, total capacity in gallons: 0015000 Tank is currently in use. Tank compartments: Compartment A: Gasoline. Capacity: 0006000 gal, Comp. B: Diesel. Capacity: 0009000 gal The tank construction is of composite double wall. The owner of the facility is JERRY KIDD OIL COMPANY, the telephone number listed for the owner is 903-849-6265.

Facility ID number 0018945, TCEQ unit ID number 00049345, tank ID number 3,date installed (MMDDYYYY) 01011974, total capacity in gallons: 0008000 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0008000 gal The tank construction is of steel - single wall. The owner of the facility is JERRY KIDD OIL COMPANY, the telephone number listed for the owner is 903-849-6265.

Facility ID number 0018945, TCEQ unit ID number 00049346, tank ID number 2,date installed (MMDDYYYY) 01011974, total capacity in gallons: 0008000 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0008000 gal The tank construction is of steel - single wall. The owner of the facility is JERRY KIDD OIL COMPANY, the telephone number listed for the owner is 903-849-6265.

Facility ID number 0018945, TCEQ unit ID number 00049344, tank ID number 1,date installed (MMDDYYYY) 01011974, total capacity in gallons: 0008000 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0008000 gal The tank construction is of steel - single wall. The owner of the facility is JERRY KIDD OIL COMPANY, the telephone number listed for the owner is 903-849-6265.



Database: TXUST

Site: POPS FUEL STOP

**Distance:** 0.198 E **Address** 802 N MAIN

**Zip Code** 75771 **City:** LINDALE

Facility ID number 0065878, TCEQ unit ID number 00171572, tank ID number 1,date installed (MMDDYYYY) 04011994, total capacity in gallons: 0008000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0008000 gal The tank construction is of composite - double wall. The owner of the facility is RONNIE KEELS, the telephone number listed for the owner is 903-882-9961.

Facility ID number 0065878, TCEQ unit ID number 00171574, tank ID number 3,date installed (MMDDYYYY) 04011994, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Diesel. Capacity 0006000 gal The tank construction is of fiberglass-reinforced plastic (FRP) - double wall. The owner of the facility is RONNIE KEELS, the telephone number listed for the owner is 903-882-9961.

Facility ID number 0065878, TCEQ unit ID number 00171573, tank ID number 2,date installed (MMDDYYYY) 04011994, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0006000 gal The tank construction is of fiberglass-reinforced plastic (FRP) - double wall. The owner of the facility is RONNIE KEELS, the telephone number listed for the owner is 903-882-9961.

Page 14

Date 4/8/2013

HICY6698

Job



Page 15 Job HICY6698 Date 4/8/2013

6

Database: TXUST

Site: CITY OF LINDALE

Distance: 0.251 E

 Address
 201 N MAIN ST

 Zip Code
 75771-6419

 City:
 LINDALE

Facility ID number 0047934, TCEQ unit ID number 00124898, tank ID number 3,date installed (MMDDYYYY) 01011979, total capacity in gallons: 0000400 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0000400 gal The tank construction is of steel. The owner of the facility is CITY OF LINDALE, the telephone number listed for the owner is 903-820-3422.

Facility ID number 0047934, TCEQ unit ID number 00124897, tank ID number 2,date installed (MMDDYYYY) 01011969, total capacity in gallons: 0000500 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0000500 gal The tank construction is of steel. The owner of the facility is CITY OF LINDALE, the telephone number listed for the owner is 903-820-3422.

Facility ID number 0047934, TCEQ unit ID number 00124896, tank ID number 1,date installed (MMDDYYYY) 01011969, total capacity in gallons: 0001000 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0001000 gal The tank construction is of steel. The owner of the facility is CITY OF LINDALE, the telephone number listed for the owner is 903-820-3422.

10

Database: TXUST

Site: M & M TRUCK STOP

Distance: 0.251 E

Address 310 N MAIN

**Zip Code** 75771 **City:** LINDALE

Facility ID number 0062451, TCEQ unit ID number 00144847, tank ID number 2,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0003000 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0003000 gal The tank construction is of steel - single wall. The owner of the facility is BOYD B L, the telephone number listed for the owner is 9039832659.

Facility ID number 0062451, TCEQ unit ID number 00144846, tank ID number 3,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0000500 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0000500 gal The tank construction is of steel - single wall. The owner of the facility is BOYD B L, the telephone number listed for the owner is 9039832659.

Facility ID number 0062451, TCEQ unit ID number 00144848, tank ID number 1,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0001000 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0001000 gal The tank construction is of steel - single wall. The owner of the facility is BOYD B L, the telephone number listed for the owner is 9039832659.



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5

Database: TXUST

Site: ALLEN CANNING COMPANY

Distance: 0.359 E

Address 200 W NORTH ST

**Zip Code** 75771 **City:** LINDALE

Facility ID number 0054813, TCEQ unit ID number 00133856, tank ID number 2,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0000000 Tank is currently removed from ground. Tank compartments: Compartment A: Diesel. Capacity 0000000 gal The tank construction is of steel. The owner of the facility is ALLEN CANNING COMAPNY, the telephone number listed for the owner is 8003437794.

Facility ID number 0054813, TCEQ unit ID number 00133855, tank ID number 1,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0000000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0000000 gal The tank construction is of steel. The owner of the facility is ALLEN CANNING COMAPNY, the telephone number listed for the owner is 8003437794.

**17** 

Database: TXUST \*Not mapped\*

Site: MAINTENANCE GARAGE

Distance: Site Location Unknown

Address BOYD ST Zip Code 75771 City: LINDALE

Facility ID number 0047563, TCEQ unit ID number 00124027, tank ID number 1,date installed (MMDDYYYY) 01011964, total capacity in gallons: 0001000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0001000 gal The tank construction is of steel. The owner of the facility is LINDALE ISD, the telephone number listed for the owner is 9038826157.



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20

Database: TXUST \*Not mapped\*

Site: MEA NURSERY

Distance: Site Location Unknown

Address N HWY 69

Zip Code 75771

City: LINDALE

Facility ID number 0049341, TCEQ unit ID number 00128109, tank ID number 1,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0006000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

Facility ID number 0049341, TCEQ unit ID number 00128110, tank ID number 2,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0002000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0002000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

Facility ID number 0049341, TCEQ unit ID number 00128111, tank ID number 3,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Diesel. Capacity 0006000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

### **TXAST**

## Texas Above Ground Storage Tanks

Aboveground Storage Tanks - Permitted aboveground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXAST

Site: No findings within 1/4 mile.



99121B Lindale Reliever Route US 69 / Loop 49, Lindale, TX Page 18 Job HICY6698 Date 4/8/2013

## **TXSPILL**

# **Texas Spills List**

Texas Commission on Environmental Quality (TCEQ) tracks cases where emergency response is needed for cleanup of toxic substances.

Source: Texas Commission on Environmental Quality (TCEQ)

19

Database: TXSPILL \*Not mapped\*

Site: DORA BRYANT

**Distance:** Site Location Unknown

Address COUNTY RD. 433, 0.5 MI S OF FM 849, LINDALE TX

**Zip Code** 75771 **City:** LINDALE

Date of Spill: 4/24/91 - Notification Date: 4/24/91. Material Spilled: TIRE FIRE. Amount of material spilled: UNK LBS. class of spill: Other Pollutant. The cleanup status is: inadequate . The type of media affected is not specified. The basin where the spill occured: SABINE RIVER.

## **BRNFD**

# **Brownfield**

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Institutional/Engineering Controls searched.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: BRNFD

**Site:** No findings within 1/2 mile.



99121B Lindale Reliever Route US 69 / Loop 49, Lindale, TX Page 19 Job HICY6698 Date 4/8/2013

## **DRYC**

# **Dry Cleaner**

House Bill 1366 requires all dry cleaning drop stations and facilities in Texas to register with Texas Commission on Environmental Quality (TCEQ) and implement new performance standards at their facilities as appropriate. It also requires distributors of dry cleaning solvents to collect fees on the sale of dry cleaning solvents at certain facilities.

Source: Texas Commission on Environmental Quality (TCEQ)

14

Database: DRYC

Site: LINDALE CLEANERS

Distance: 0

Address FM 849 @ I 20

**Zip Code** 75771 **City:** LINDALE

Regulated Entity ID: RN104002167. Customer ID: CN601639461. Owner: FINANCIAL EARNINGS GROUP INC. Dry Cleaner Type: DROP STATION REGISTRATION. Uses Perchloroethylene: Unknown.

2

Database: DRYC

Site: LINDALE CLEANERS

Distance: 0.5 E

Address 1406 S MAIN ST

**Zip Code** 75771 **City:** LINDALE

Regulated Entity ID: RN105239297. Customer ID: CN601639461. Owner: FINANCIAL EARNINGS GROUP INC. Dry Cleaner Type: FACILITY

REGISTRATION. Uses Perchloroethylene: Unknown.



99121B Lindale Reliever Route US 69 / Loop 49, Lindale, TX Page 20 Job HICY6698 Date 4/8/2013

## **IRUST**

# Indian Reservation Underground Storage Tanks

All Appropriate Inquiries (AAI) rule has requested that Underground Storage Tanks on Indian Land be included in any ESA that is affected. Permitted Underground Storage Tanks on Indian Land are tracked and maintained by the EPA.

Source: United States Environmental Protection Agency (EPA)

Database: IRUST

Site: No findings within 1/4 mile.

# TelALL Zip Index

The following zip codes, are the zip codes that TelALL used for generating the preceding report. The information is provided to help our customers make the most thorough data evaluation possible. Lat/Lon. info is provided to assist in locating sites.Lat/Lon info that is listed as "0" indicates that the site has not been geocoded. This does not indicate that the site is an orphan or was not evaluated by TelALL's research personnel.



	ERNS	4	RCRA-G	2	TXAST 20
	TXLUST	5	TXSPILL	4	TXUST 43
FACZIP	DATABASE	SITENAME	ADDR	ESS	CITY LATITUDE LONGITUDE

75704	ERNS	COUNTRY PLACE MOBILE HOME	15537 HWY 64 WEST	TYLER	32.365049	-95.426696
		MJ CRUISERS	11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
			11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
			11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
	RCRA-G	TRANSPORTATION SECURITY AD	700 SKYWAY BLVD SUITE 102	TYLER	32.353932	-95.4025638
		WAL-MART STORES TEXAS LLC -	3820 HIGHWAY 64 W	TYLER	32.351370	-95.3458802
	TXAST	BECKAT OIL & FUEL LP	12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
		BENETTE FREIGHT	12126 HIGHWAY 64 W	TYLER	29.514029	-98.465432
		JET CENTER OF TYLER	209 AIRPORT DR	TYLER	29.990908	-93.947846
			209 AIRPORT DR	TYLER	29.990908	-93.947846
		LONGVIEW BRIDGE & ROAD 0616	233 AIRPORT DR	TYLER	34.529345	-101.79636
		TYLER AERO	1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
	TXLUST	DARR EQUIPMENT CO	W HWY 31	TYLER	32.350495	-95.312711
		FOOD FAST 57	11812 HWY 64 WEST	TYLER	32.357665	-95.362185
			11812 W HWY 64	TYLER	32.357691	-95.362243
		STOP N SHOP	W HWY 64	TYLER	32.350481	-95.319384
		TYLER AERO	W POUNDS FIELD HWY 64	TYLER	32.350481	-95.319384
	TXSPILL	Bob Jefreys	Kirby Station Located on HWY 64 West	Tyler	0	0
			Kirby Station Located on HWY 64 West	Tyler	0	0
		CITY OF TYLER	located at 14939 County Road 46, appr		0	0
		EXECUTIVE AVIATION	FUEL DEPOT, TYLER POUNDS FIELD	TYLER	0	0
	TXUST	CLARENCE YOUNG PROPERTY	301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
		DIXIE VOL FIRE DEPT	DIXIE DR S OF HWY 64 W	TYLER	32.398602	-95.4149003
		FOOD FAST 1054	6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
			6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
			6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
		FOOD FAST 1057	11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
			11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
						TM

			e count for 75704		
	ERNS	4 RCF	RA-G 2	TXAST	20
	TXLUST	5 TXS	SPILL 4	TXUST	43
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE LONGITUDE
					_
75704	TXUST	FOOD FAST 1057 HOLLAND AIRCRAFT ENGINE SER	11812 STATE HIGHWAY 64 W General Delivery	TYLER TYLER	32.358428 -95.362026 32.398602 -95.4149003
		HTC RANCH	General Delivery	TYLER	32.398602 -95.4149003
		JOHNNY MILLER STATION	HWY 64 W	TYLER	32.363036 -95.420204
			HWY 64 W	TYLER	32.363036 -95.420204
			HWY 64 W	TYLER	32.363036 -95.420204
			HWY 64 W	TYLER	32.363036 -95.420204
		JOHNSON AVIATION	353 AIRPORT RD	TYLER	32.362525 -95.4027129
			353 AIRPORT RD	TYLER	32.362525 -95.4027129
		KIDD JONES 8	11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
		MEWBOURNE AVIATION DEPART	704 CR 1143	TYLER	32.360303 -95.3909773
			704 CR 1143	TYLER	32.360303 -95.3909773
		MINUTE STOP 1	11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
		NATIONAL CAR RENTAL TYLER P	150 AIRPORT DR	TYLER	32.360089 -95.3989967
		STOP N SHOP	General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003
			HWY 64 W	TYLER	32.363036 -95.420204
			HWY 64 W	TYLER	32.363036 -95.420204
		TYLER TURBINE SALES	1862 CR 1143	TYLER	32.356400 -95.3908186
			1862 CR 1143	TYLER	32.356400 -95.3908186
		TYLER TYR ATCT	POUNDS FIELD	TYLER	32.353889 -95.402222
		USA FOODS	General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003

CERCLIS			<u>Databas</u>	e count for 75706			
TXLUST   3   TXSPILL   12   TXUST   90		CERCLIS	1 CO	RRACT 1	ERNS	1	
TACAPIP   DATABASE		RCRA TSD	1 RCI	RA-G 3	TXAST	35	
75706 CERCLIS FM 14 DRUM SITE 4042 FM 14 TYLER 32.37780 96.2912409 RCRA 75D TYLER PIPE COMPANY 11721 US HIGHWAY 80 N TYLER 22.44888 95.362611 RCRA 75D SEE BELOW ADDRESS11721 US HIGH TYLER 22.44888 95.362611 TARGET REGIONAL DISTRIBUTION C1 13786 COLUNTY ROAD 4333 TYLER 32.44888 96.362611 TARGET REGIONAL DISTRIBUTION C1 13786 COLUNTY ROAD 4333 TYLER 32.44888 96.363611 TYLER PIPE COMPANY 11721 US HIGHWAY 80 N TYLER 32.44888 96.352611 TARGET REGIONAL DISTRIBUTION C1 13786 COLUNTY ROAD 4333 TYLER 32.44888 96.363611 TYLER PIPE COMPANY 11721 US HIGHWAY 80 N TYLER 32.04883 96.352611 TYLER PIPE COMPANY 11721 US HIGHWAY 80 N TYLER 32.04813 96.352611 HWY 89 N TYLER 32.04813 96.352611 HWY 89 N TYLER 32.04813 96.352611 HWY 89 N TYLER 32.00813 96.8088811 HWY 89 N TYLER 35.210647 1018.35489 CR 489 TYLER 35.210647		TXLUST	3 TXS	SPILL 12	TXUST	90	
75706 CERCLIS FM 14 DRUM SITE 4942 FM 14 TYLER 32,37786 95,2912459 CORRACT TYLER PIPE COMPANY 11721 US HIGHWAY 60 N TYLER 22,44688 95,052611 RORA TO THE PIPE COMPANY 11721 US HIGHWAY 60 N TYLER 32,44688 95,052611 RORA TO TARGET CORP - DISTRIBUTION 17128 INGHAWAY 60 N TYLER 32,44688 95,052611 TARGET REGIONAL DISTRIBUTION 17128 INGHAWAY 60 N TYLER 32,466839 95,5418312 TAYLER PIPE COMPANY 11721 US HIGHWAY 60 N TYLER 32,466839 95,5418312 TAYLER PIPE COMPANY 11721 US HIGHWAY 60 N TYLER 32,46889 96,552611 TAYLER PIPE COMPANY 11721 US HIGHWAY 60 N TYLER 32,646839 96,552611 TAYLER PIPE COMPANY 11721 US HIGHWAY 60 N TYLER 32,646839 96,552611 NMY 56 N TYLER 32,646839 96,552611 NMY 56 N TYLER 32,646839 96,552611 NMY 56 N TYLER 32,646839 96,562611 NMY 56 N TYLER 31,07432 97,3781939 1055 PM 14 TYLER 35,01047 1018,33489 1018,3481 10	FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
CORRACT TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 22.414889 -96.352611  ERNS			-		-		
CORRACT TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 22.414889 -96.352611  ERNS							
CORRACT							
RCNS	75706						
RCRA TSD			I YLER PIPE COMPANY				
## ACRA-G TARGET CORP DISTRIBUTION C TARGET REGIONAL DISTRIBUTION TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 32.46693 9.55.418312 TXAST FWA TRANSPORTATION HWY 69 N TYLER 32.46693 46.2666611 HWY 69 N TYLER 32.46103 46.2666611 HWY 69 N TYLER 32.00153 46.2666611 TYLER 32.00153 46.2666611 HWY 69 N TYLER 32.00153 46.2666611 TYLER 32.00154 47.2726422 TYLER 32.10647 101.833499							
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HWV 69 N		TVACT					
JOHN SOULES FOODS		IXASI	I WA TRANSFORTATION				
10150 FM 14			IOHN SOLILES FOODS				
OIL TRANSPORT 419 E NORTHEAST LOOP 323 TYLER 24,8025 -97,424629 PUMPCO 11126 CR 490 TYLER 29,48025 -98,361992 SPASE 11126 CR 490 TYLER 29,48025 -98,361992 SPASE 11126 CR 490 TYLER 35,210647 -101,833489 CR 489 TYLER 35,210647 -			JOHN SOULLS FOODS				
PUMPCO			OIL TRANSPORT				
11126 CR 490 TYLER   29.480253   -98.361992							
STATES ENVIRONMENTAL OIL SE			FOIVIFCO				
CR 489 TYLER 35.210647 -101.833489 CR 499 TYLER 35.210647 -101.833489 CR 499 TYLER 35.210647 -101.833489 CR 489 TYLER 35.210647 -101.833489 TYLER 35.210647 -101.833489 CR 489 TYLER 35.210647 -101.833489 CR 489 TYLER 35.210647 -101.833489 CR 489 TYLER 35.210647 -101.833489 TYLER 35.210647 -101.833489 CR 489 TYLER 35.210647 -101.833489 CR 489 TYLER 35.210647 -101.833489 TYLER 35.210647 -101.833489 CR 489 TYLER 35.210647 -101.833489 CR 489 TYLER 35.210647 -101.833489 TYLER 35.210647			STATES ENVIRONMENTAL OIL SE				
CR 489 TYLER			STATES ENVIRONMENTAL OIL SE				
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CR 489							
CR 489							
CR 489							
CR 489 TYLER 35.210647 -101.833489 CR 489 TYLER 31.567309 -97.160047 TYLER ASPHALT CR 489 TYLER 31.567309 -97.160047 CR 489 TYLER 30.116898 -94.146096 CR 489 TYLER 30.116898 -97.317001 CR 489 TYLER 30.116898 CR 489							
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TYLER STATE PARK  General Delivery TYLER  WILSON-RILEY  9149 HWY 69 N TYLER 32.546503 -97.317001 9149 HWY 69 N TYLER 32							
TYLER STATE PARK WILSON-RILEY  9149 HWY 69 N  TYLER 32.546503  -97.317001  -97.317001  -97.317001  -97.317001			FILER ASITIALI				
WILSON-RILEY  9149 HWY 69 N  TYLER  32.546503  -97.317001  9150 HWY 69 N  TYLER  32.546503  -97.317001  -95.278			TVI ED STATE DARK				
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### PROPRIES   PROPRIES   PROPRIES   PROPRIES    ### PROPRIES   PROPRIES    ### PROPRIES   PROPRIES    ### PROPRIES   PROPRIES    ### PROPRIES							
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TXLUST         JOHN SOULES FOODS INC         10150 FM 14         TYLER         32.411579         -95.278945           JOHNNYS GARAGE CLOSED         110 N CLAYTON         TYLER         32.351186         -95.284367           NU WAY OIL STORE 11135         11135 HWY 69         TYLER         32.428764         -95.363527           TXSPILL         BAKER HUGHES ATLAS         FM 95, 1/8 MI SOUTH OF THE INTERS Tyler         0         0           FM 95, 1/8 MI SOUTH OF THE INTERS Tyler         0         0           EFB TRUCKING CO.         HWY 69 N.         TYLER         0         0							
JOHNNYS GARAGE CLOSED 110 N CLAYTON TYLER 32.351186 -95.284367 NU WAY OIL STORE 11135 11135 HWY 69 TYLER 32.428764 -95.363527  TXSPILL BAKER HUGHES ATLAS FM 95, 1/8 MI SOUTH OF THE INTERS Tyler 0 0 FM 95, 1/8 MI SOUTH OF THE INTERS Tyler 0 0 EFB TRUCKING CO. HWY 69 N. TYLER 0 0		TVLLIST	IOHN SOLILES FOODS INC				
TXSPILL       NU WAY OIL STORE 11135       11135 HWY 69       TYLER       32.428764       -95.363527         TXSPILL       BAKER HUGHES ATLAS       FM 95, 1/8 MI SOUTH OF THE INTERS Tyler       0       0         FM 95, 1/8 MI SOUTH OF THE INTERS Tyler       0       0         EFB TRUCKING CO.       HWY 69 N.       TYLER       0       0		TALOST					
TXSPILL         BAKER HUGHES ATLAS         FM 95, 1/8 MI SOUTH OF THE INTERS Tyler         0         0           FM 95, 1/8 MI SOUTH OF THE INTERS Tyler         0         0           EFB TRUCKING CO.         HWY 69 N.         TYLER         0         0							
FM 95, 1/8 MI SOUTH OF THE INTERS Tyler         0         0           EFB TRUCKING CO.         HWY 69 N.         TYLER         0         0		TYODII I					
EFB TRUCKING CO. HWY 69 N. TYLER 0 0		INSPILL	DI MEN HOOFIES ATEAS		•		
			EEB TRUCKING CO		•		
ELECTRICAL INC. IT I WILL WARREN STEADING THE FREE SZ.453473 -93.203903							
I-20 AT MILE MARKER 517 ALONG TH TYLER 32.453475 -95.285985			LLDONADO OI ILIVIIOAL		•		
1.20 AT THEEL HE WALLET OT ALGORITH THEEK 02.400470 -30.200300				5/ WARRENOTT /LONG III		32.100410	33.200000



	0500110		e count for 75706	EDNO	4	
	CERCLIS		RRACT 1	ERNS	1	
	RCRA TSD	1 RC	RA-G 3	TXAST	35	
	TXLUST	3 TXS	SPILL 12	TXUST	90	
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75706	TXSPILL	GENERIC INCIDENT PRINCIPAL	GENERIC INCIDENT ZIP CODE 75706	TYLER	0	0
		LETOURNEAU, INC	ON LETOURNEAU PLANT W OF HIG	LONGVIEW	0	0
		MCWANE INC	11721 US HIGHWAY 69 N TYLER TX	TYLER	0	0
		STOVALL FERTILIZER	INTERSECTION FM 279 @ FM 2010,	Tyler	32.3671	-95.4377
			INTERSECTION FM 279 @ FM 2010,	Tyler	32.3671	-95.4377
		UDS / Total Petroleum	3512 S Main St # 69	Tyler	32.4421	-95.3668
			3512 S Main St # 69	Tyler	32.4421	-95.3668
	TXUST	BP BARNES	General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
		BUNNYS 14	638 E NORTHEAST LOOP 323	TYLER	0	0
			638 E NORTHEAST LOOP 323	TYLER	0	0
			638 E NORTHEAST LOOP 323	TYLER	0	0
		C SHELL	12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
		CO-OPERATIVE ROSE GROWERS	US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499
			US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499
			US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499
		DAVIS COFFEE	General Delivery	TYLER	32.447338	-95.3311652
		DAY & NIGHT 82	13341 I 20 W	TYLER	32.469976	-95.358621
			13341 I 20 W	TYLER	32.469976	-95.358621
			13341 I 20 W	TYLER	32.469976	-95.358621
			13341 I 20 W	TYLER	32.469976	-95.358621
		FRANK HOLEY NURSERY	12999 CR 433	TYLER	32.455716	-95.4208062
		FWA TRANSPORTATION	HWY 69 N	TYLER	32.466513	-95.387689
			HWY 69 N	TYLER	32.466513	-95.387689
		JOE EDDIE HITT	390 CR 313 W	TYLER	32.488340	-95.2824578
			390 CR 313 W	TYLER	32.488340	-95.2824578
		JOHN SOULES FOODS	10150 FM 14	TYLER	32.410384	-95.276204
		KING MART 2	8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
		LOFT BAR B Q	I 20 & HWY 14	TYLER	31.311986	-96.6303878
			I 20 & HWY 14	TYLER	31.311986	-96.6303878
		PAYLESS GAS 620	1201 SPEIGHT	WACO	31.539819	-97.125406
			1201 SPEIGHT	WACO	31.539819	-97.125406
		PILOT TRAVEL CENTER 486	12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
		RABIAS MART	11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414



CERCLIS 1 CORRACT 1 ERNS 1 RCRA TSD 1 RCRA-G 3 TXAST 35 TXLUST 3 TXSPILL 12 TXUST 90 FACZIP DATABASE SITENAME ADDRESS CITY LATITU	DE LONGITUDE
TXLUST 3 TXSPILL 12 TXUST 90	DE LONGITUDE
FACTIO	E LONGITUDE
FACZIP DATABASE SITENAME ADDRESS CITY LATITU	E LONGITUDE
<b>75706</b> <i>TXUST</i> ROBERT C JACKSON 12816 FM 14 TYLER 32.45	33 -95.281892
12816 FM 14 TYLER 32.45	33 -95.281892
12816 FM 14 TYLER 32.45	33 -95.281892
12816 FM 14 TYLER 32.45	33 -95.281892
12816 FM 14 TYLER 32.45	33 -95.281892
12816 FM 14 TYLER 32.45	33 -95.281892
SAND FLANT UNIT FM 14 10MI S OF TYLER TYLER 32.447	38 -95.3311652
SEXTON ROSES 10076 US HIGHWAY 69 N TYLER 32.410	39 -95.346997
STATE PARK GROCERY 14910 FM 14 TYLER 32.481	22 -95.279267
14910 FM 14 TYLER 32.4819	22 -95.279267
14910 FM 14 TYLER 32.4819	22 -95.279267
STOP N GO EXXON 13411 INTERSTATE 20 W TYLER 32.4699	76 -95.358621
13411 INTERSTATE 20 W TYLER 32.4699	76 -95.358621
13411 INTERSTATE 20 W TYLER 32.4699	76 -95.358621
TYLER FUEL PLAZA 3512 S MAIN ST TYLER 32.4693	38 -95.387236
3512 S MAIN ST TYLER 32.4693	38 -95.387236
3512 S MAIN ST TYLER 32.4693	38 -95.387236
3512 S MAIN ST TYLER 32.469	
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3512 S MAIN ST TYLER 32.469	
TYLER PIPE 11910 COUNTY ROAD 492 TYLER 32.466	
11910 COUNTY ROAD 492 TYLER 32.466	
11910 COUNTY ROAD 492 TYLER 32.466	
11910 COUNTY ROAD 492 TYLER 32.466	
11910 COUNTY ROAD 492 TYLER 32.466	
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11910 COUNTY ROAD 492 TYLER 32.466	
11910 COUNTY ROAD 492 TYLER 32.466	
11910 COUNTY ROAD 492 TYLER 32.466	
TYLER STATE PARK General Delivery TYLER 32.447:	
General Delivery TYLER 32.447:	
UNITED FUEL & ENGERGY SFS Y 10449 US HIGHWAY 69 N TYLER 32.466	
10449 US HIGHWAY 69 N TYLER 32.466	
UNITY 6 General Delivery TYLER 32.447:	
General Delivery TYLER 32.447	
General Delivery TYLER 32.447	
WILSON-RILEY General Delivery TYLER 32.447:	
YELLOW TRANSPORTATION 3722 N NORTHEAST LOOP 323 TYLER 32.3859	72 -95.268706



Database count for 75771           DRYC         2         RCRA-G         2         TXAST         8							
	LUST 17		PILL 8	TXUST	96		
		173	FILL 0	17031	90		
	VCP 1						
FACZIP DATA	BASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE	
<b>75771</b> DR'	YC LINDA	LE CLEANERS	1406 S MAIN ST	LINDALE	32.502648	-95.406198	
			FM 849 @ I 20	LINDALE	32.516287	-95.4004723	
RCI	RA-G HAWL	EY SANITATION	16988 COUNTY ROAD 476	LINDALE	32.514783	-95.44572	
	WAL-N	MART STORES TEXAS LLC -	105 CENTENNIAL BLVD	LINDALE	32.474058	-95.387922	
TXA	AST LOWE	S OF LINDALE TX 1965	3200 S MAIN ST	LINDALE	32.474759	-95.3911652	
	R OAS	SIS	14773 STATE HIGHWAY 110 N	LINDALE	30.269774	-97.749964	
			14773 STATE HIGHWAY 110 N	LINDALE	30.269774	-97.749964	
			14773 STATE HIGHWAY 110 N	LINDALE	30.269774	-97.749964	
			14773 STATE HIGHWAY 110 N	LINDALE	30.269774	-97.749964	
	SMITH	CO PRECINCT FOUR	CR 4112	LINDALE	32.717255	-97.149417	
	TRANS	SPORTATION GARAGE	605 BRAD CIR	LINDALE	32.350770	-88.7434533	
			605 BRAD CIR	LINDALE	32.350770	-88.7434533	
TXL	.UST ABANI	DONED STATION GILLIS FA	CR 445 GARDEN VALLEY COMMUNIT	GARDEN VALL	32.5372	-95.5274	
		I CANNING CO	200 NORTH ST	LINDALE	32.517312	-95.411261	
		ARROTT	COOPER ST @ HWY 69	LINDALE	32.510194	-95.40927	
		RON CORNER MARKET	147 I H 20	LINDALE	32.46875	-95.447543	
		OF LINDALE	201 N MAIN	LINDALE	32.5129	-95.4341	
		A WAY LAKE CLUB MARINA	HIDE A WAY LN W	LINDALE	32.4841	-95.4638	
		IONES LINDALE	303 S MAIN ST	LINDALE	32.5129	-95.4341	
		S COUNTRY STORE 225	120 @ HWY 110	LINDALE	32.46875	-95.447543	
		TRUCK STOP	310 N MAIN ST	LINDALE	32.517701	-95.409966	
		Y FFP 247	907 S MAIN	LINDALE	32.5129	-95.4341	
		193 COUNTRY STORE TRACK 9	17080 I 20 18562 FM 14	LINDALE	32.470399	-95.455896 -95.2711	
		RUNNER 109	IH 20 @ HWY 69 N	TYLER	32.532 32.453475	-95.285985	
		ING W TRUCK STOP	24782 W IH 20	LINDALE	32.499716	-95.584357	
		COUNTY ROAD DEPT LIND	COUNTY RD 4112	LINDALE	32.533	-95.4084	
		CO SERVICE STATION	IH 20 @ HWY 69	LINDALE	32.46875	-95.447543	
		STORE 4539	3512 S MAIN ST	LINDALE	32.469373	-95.387801	
TXS		I CANNING CO.	PLATFORM SCALE AREA, LINDALE P		0	0	
		BRYANT	COUNTY RD. 433, 0.5 MI S OF FM 849		32.493992	-95.421729	
	GATE\	WAY FENCE CO.	18552 HWY 69 N, LINDALE,TX 75771	LINDALE	0	0	
			18552 HWY 69 N. LINDALE	LINDALE	0	0	
	MEGA	GULF COAST LINES INC	GENERIC INCIDENT ZIP CODE 75771	LINDALE	0	0	
	Quality	Liquid Feeds	Corner of Houston & Jackson Streets, S	Lindale	0	0	
			Corner of Houston & Jackson Streets, S	Lindale	0	0	
	TEXAS	DEPARTMENT OF TRANSP	GENERIC INCIDENT ZIP CODE 75771	LINDALE	0	0	
TXU	<i>JST</i> 882 C0	D LINDALE SWAN	2519 S MAIN ST	LINDALE	32.509009	-95.408851	
	ABANI	DONED STATION	CR 445	GARDEN VALL	32.544846	-95.5251648	
	ALLEN	I CANNING COMPANY	200 W NORTH ST	LINDALE	32.517351	-95.4112136	
			200 W NORTH ST	LINDALE	32.517351	-95.4112136	
	ARMA	DILLO COUNTRY STORE 17	24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831	
			24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831	
			24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831	
			24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831	
		Y L WELLS	RT 3	LINDALE	30.867659	-94.6943444	
	BORA	L HENDERSON CLAY PROD	General Delivery	LINDALE	32.515697	-95.4093998	
	5555	KOLUDE ODGOEDY S	General Delivery	LINDALE	32.515697	-95.4093998	
		KSHIRE GROCERY 3	521 S MAIN ST	LINDALE	32.509666	-95.408515	
	CITY	OF LINDALE	201 N MAIN ST	LINDALE	32.517128	-95.4099647	



	2270	· · · · · · · · · · · · · · · · · · ·	e count for 75771	T)/4.0T		
	DRYC	2 RCF	RA-G 2	TXAST	8	
	TXLUST	17 TXS	SPILL 8	TXUST	96	
	TXVCP	1				
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE I	LONGITUDE
75771	TXUST	CITY OF LINDALE	201 N MAIN ST	LINDALE	32.517128	-95.4099647
			201 N MAIN ST	LINDALE	32.517128	-95.4099647
		CREWS N BUY MART	907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
		0.0000000000000000000000000000000000000	907 S MAIN ST	LINDALE	32.507112	-95.408526
		GARDEN VALLEY GOLF CLUB	22049 FM 1995	LINDALE	32.483715	-95.53998
		0015001100511111150101	22049 FM 1995	LINDALE	32.483715	-95.53998
		GOLF COURSE MAINT BARN	SERVICE TO IH 20 RD	LINDALE	32.515697	-95.4093998
			SERVICE TO IH 20 RD	LINDALE	32.515697	-95.4093998
		HIDE-A-WAY CLUB MARINA	1259 HIDEAWAY LN W	HIDEAWAY	32.49923	-95.453897
		KEN WILLIAMS EXXON	206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998
			206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998
		/// 101/50 / 105 / 115	206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998
		KIDD JONES HIDEAWAY	17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	0	0
		KIDD JONES LINDALE	17080 INTERSTATE 20 W	LINDALE	0	0
		KIDD JONES LINDALE	303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
		LACT DAVC EVANCELICAL ACCO	303 S MAIN ST	LINDALE	32.513376	-95.4091981
		LAST DAYS EVANGELICAL ASSO	General Delivery	LINDALE	32.515697	-95.4093998
		LINDALE PLANT	HWY 69	LINDALE	32.509009	-95.408851
		LINDALE CTATE DANK	HWY 69	LINDALE	32.509009	-95.408851
		LINDALE STATE BANK	107 N MAIN ST	LINDALE	32.516180	-95.4097615 -95.4097615
			107 N MAIN ST	LINDALE	32.516180	
			107 N MAIN ST	LINDALE	32.516180	-95.4097615
			107 N MAIN ST	LINDALE	32.516180	-95.4097615
		LINDALE TYPOSOEOSOO	107 N MAIN ST	LINDALE	32.516180	-95.4097615
		LINDALE TXD980598999	2 5 MI NE OF LINDALE	LINDALE	32.515697	-95.4093998
		LOVES COUNTRY STORE 225	I 20 & SR 110	LINDALE	32.515697	-95.4093998
			120 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998 -95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
		M & M TOLICK STOD	120 & SR 110	LINDALE	32.515697	-95.4093998
		M & M TRUCK STOP	310 N MAIN	LINDALE	32.51822	-95.410571
			310 N MAIN	LINDALE	32.51822	-95.410571
		MAINTENANCE CARACE	310 N MAIN	LINDALE	32.51822	-95.410571
		MAINTENANCE GARAGE	BOYD ST	LINDALE	32.510078	-95.4126511



		·	se count for 75771		_
	DRYC	2 RC	RA-G 2	TXAST	8
	TXLUST	17 TX	SPILL 8	TXUST	96
	TXVCP	1			
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE LONGITUDE
75771	TXUST	MEA NURSERY	N HWY 69	LINDALE	32.541852 -95.419957
70777			N HWY 69	LINDALE	32.541852 -95.419957
			N HWY 69	LINDALE	32.541852 -95.419957
		MURPHY USA 7255	2318 S MAIN ST	LINDALE	32.484913 -95.3968308
			2318 S MAIN ST	LINDALE	32.484913 -95.3968308
		POPS FUEL STOP	802 N MAIN	LINDALE	32.523784 -95.411955
			802 N MAIN	LINDALE	32.523784 -95.411955
			802 N MAIN	LINDALE	32.523784 -95.411955
		R OASIS	14773 STATE HIGHWAY 110 N	LINDALE	32.482386 -95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386 -95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386 -95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386 -95.52266
		R TIGER EXPRESS	21126 INTERSTATE 20 W	LINDALE	32.487786 -91.9773831
			21126 INTERSTATE 20 W	LINDALE	32.487786 -91.9773831
			21126 INTERSTATE 20 W	LINDALE	32.487786 -91.9773831
		RACEWAY 6760	3318 S MAIN ST	LINDALE	32.471523 -95.388882
			3318 S MAIN ST	LINDALE	32.471523 -95.388882
			3318 S MAIN ST	LINDALE	32.471523 -95.388882
		RITE TRACK 9	18562 FM 14	LINDALE	32.535563 -95.270554
			18562 FM 14	LINDALE	32.535563 -95.270554
		SMITH CO PRECINCT FOUR	CR 4112	LINDALE	32.529091 -95.4091575
			CR 4112	LINDALE	32.529091 -95.4091575
		STUCKEYS	I 20 & HWY 110	LINDALE	32.515697 -95.4093998
			I 20 & HWY 110	LINDALE	32.515697 -95.4093998
			I 20 & HWY 110	LINDALE	32.515697 -95.4093998
		TRANSPORTATION GARAGE	605 BRAD CIR	LINDALE	32.506138 -95.4055929
		TWIN OAKS RANCH	W HWY 16	LINDALE	32.515697 -95.4093998
		VACANT	HWY 69 & COOPER	LINDALE	32.510226 -95.4085983
			HWY 69 & COOPER	LINDALE	32.510226 -95.4085983
			HWY 69 & COOPER	LINDALE	32.510226 -95.4085983
		VACANT STORE	910 S MAIN ST	LINDALE	32.507684 -95.4081115
			910 S MAIN ST	LINDALE	32.507684 -95.4081115
		WAL-MART SUPERCENTER 3764	105 CENTENNIAL BLVD	LINDALE	32.475626 -95.389503
	TXVCP	McNeese Tract	3012 South Main Street	Lindale	32.476629 -95.3921761



# Order Form From: Samantha Champion Email to: Order@TelALL.net **Hicks & Company** Fax to: 888.756.7647

HICY

Phase I Support Services

\*24 Hour Service on Most Products'

1504 W. 5th St. Austin, TX 78703

Order Online

Tel: 512.478.0858 Fax: 512.476.2304

Map of approximate site area included for increased accuracy. www.TeIALL.net Site Information **Project Name:** Project #: Street Address: City, County, State, Zip: Latitude/Longitude: Cross Street/Special Instructions: \*For same day service please order before noon C.S.T. \*Call for approximate aerial coverage \*Some services available nationwide ☐ TelALL AAI, ASTM Radius Data Search / Historical Aerial Photo Combo Package \*Save with TelALL's most popular package \$144 ■ TelALL AAI, ASTM Radius Data Search \*Recent aerial photo included \*AAI, ASTM search distances with color map included \*USGS topo map included \$98 Extra Quarter Option \*Add an extra quarter mile to our radius search or combo \*Great for larger properties \*Use with the AAI, ASTM radius search or combo to add a 1/4 mile to all databases. (adds +1.76 sq. mi.of total search area!) \$56 \*Recent aerial photo included \*USGS topo map included ☐ TelALL Custom Boundary Data Search \*ASTM distances from actual property boundaries \*Great for large or irregular sites Call /Quote \*Call or check online for approximate aerial coverage TelALL Historical Aerial Photography Search \*Up to 7 decades searched \*Same day service \$64 TelALL New Aerial \*Quick turnaround time \*High resolution aerial photos of your site that are days old \*Multiple photos sent on CD Call /Quote **TelALL NEPA Check** \*Flood map, Wetlands map, Parks, Preserves, Historic sites, Endangered species \$98 \*Parcel number required Chain of Title Search \*Current lien information included \*Up to 50 years searched \*Single deed coverage \$243 **Current Lien Search** \*Current title information included \*Parcel number required \*Single deed coverage \$138 \*Some services available nationwide Other TelALL Services City Directories (\$60 p/hour - address required) Water Well Search 1/2 Mile \$165 NWI Wetland Map Historical Topographic Maps \$35 Aquifer Structure \$35 FEMA Flood Insurance Map \$20 USGS Topo Map \$15 Geologic Atlas Map \$20  $(7.5 \, \text{min})$ RecentPhoto (newest available) Oil and Gas Review (\$40 p/hour \$65 for location map) \$15 Sanborn Maps (findings \$139/no findings \$45) Soil Survey Map \*Everything will be sent digitally free of \*We can take payment information over **Shipping Options** Payment charge unless hardcopies are requested \*Next Day Shipping \$25 if no Account # is Provided ☐ VISA - MC - AMEX - eCheck (Circle one) Internet Delivery \*Free schampion@hicksenv.com PO #: **Fedex** Overnight AM Delivery Overnight PM Delivery 2nd Day Card# Account # Expiration Overnight AM Delivery Overnight PM Delivery 2nd Day U.P.S. Name on Card Account #: □ Lone Star Overnight Questions? Call Toll-Free 800.583.0004. or Email Us at Sales@TelALL.net Account #:





# **Environmental Data Search**

for the site

North Lindale Relief Route US 69 / LP 49, Lindale, TX

99121B

performed for

**Hicks & Company** 

12/14/2010

HICY6675

## **Preface**



This document of environmental concerns near US 69 / LP 49, Lindale, TX reports findings of the TelALL data search, prepared on the request of Hicks & Company.

TelALL Corporation (TelALL) has designed this document to comply with the AAI and ASTM standard E 1527 - 05 (Accuracy and Completeness) and has used all available resources, but makes no claim to the entirety or accuracy of the cited government, state, or tribal records. Our databases are updated at least every 90 days or as soon as possible after publication by the referenced agencies. The following fields of governmental, state, and tribal databases may not represent all known, unknown, or potential sources of contamination to the referenced site. Many different variables effect the outcome of the following document. TelALL maintains extremely high standards, and stringent procedures that are used to search the referenced data. However, TelALL reserves the right at any time to amend any information related to this report. If there is a need for further information regarding this report, or for any customer support please call TelALL at 800 583-0004 for assistance.

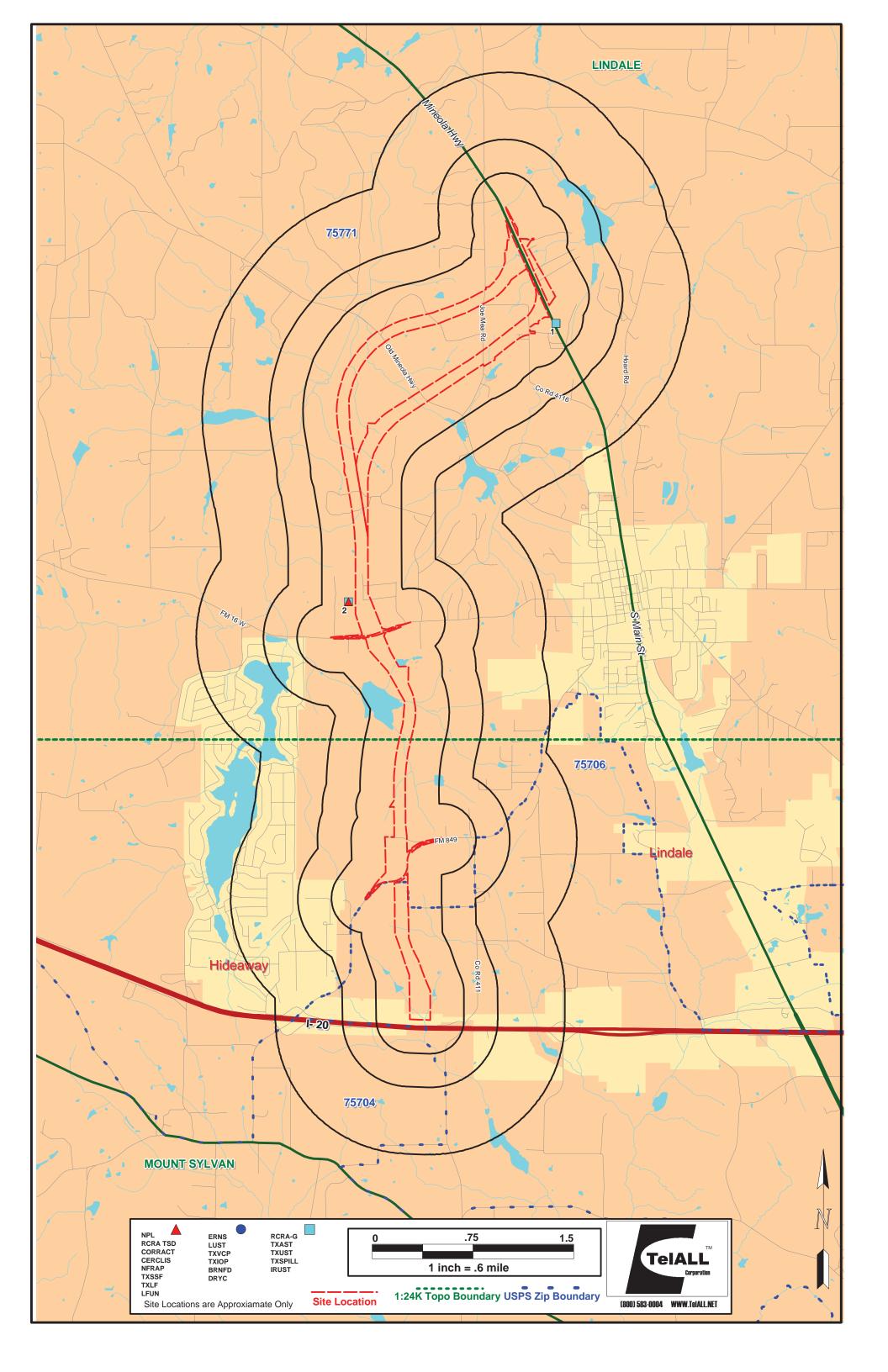
This report is divided into the following components:

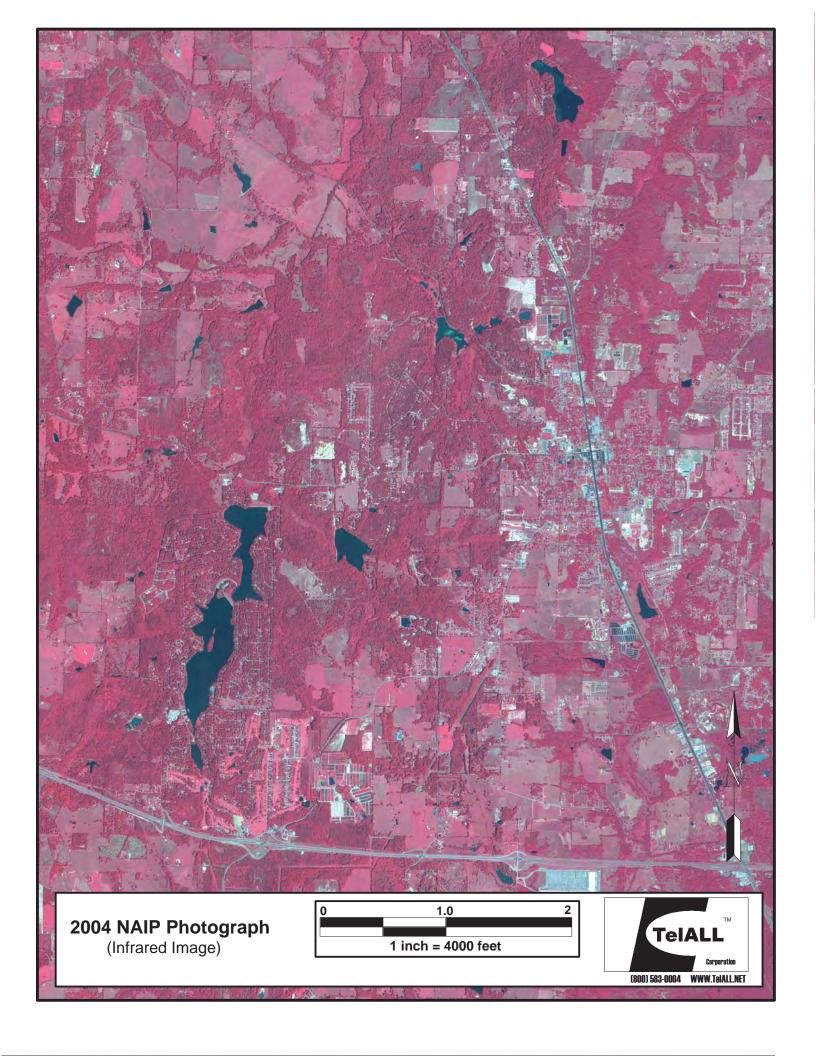
MAP Identified geocodeable findings relative to this data search.SUMMARY 1 Sorting of the identified sites by distance from the subject site.

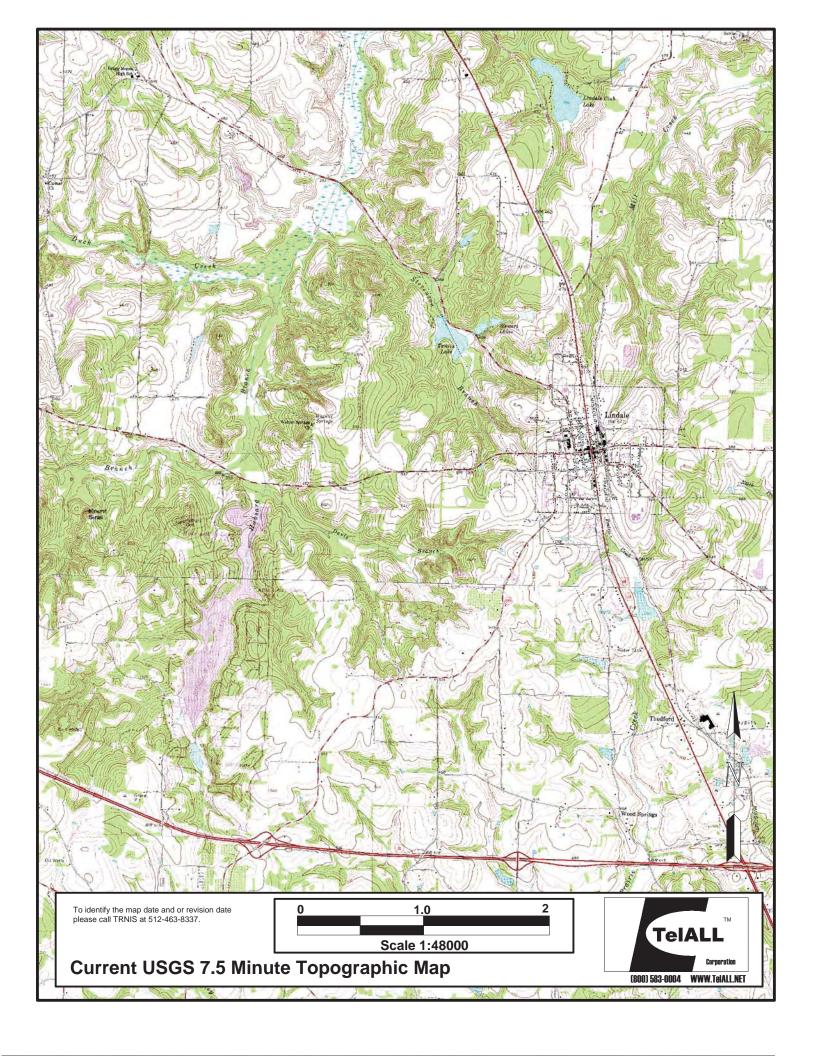
**FINAL** A description of each database and a detailed explanation of findings.

Sources		Last	Minimum Search	
Database	Acronym	Updated	Distance	Findings
National Priority List	NPL	09/2010	1	0
Comprehensive Environmental Response, Compensation, and Liability Information System	CERCLIS	09/2010	0.5	0
No Further Remedial Action Planned	NFRAP	09/2010	0.5	0
Resource Conservation and Recovery Information System - Treatment Storage or Disposal	RCRA TSD	10/2010	1	0
Corrective Action	CORRACT	10/2010	1	0
Resource Conservation and Recovery Information System - Generators	RCRA-G	10/2010	0.25	1
Emergency Response Notification System	ERNS	11/2010	0.25	0
Texas Voluntary Cleanup Program	TXVCP	10/2010	0.5	0
Innocent Owner/Operator Program	TXIOP	10/2010	0.5	0
Texas State Superfund	TXSSF	11/2010	1	0
TCEQ Solid Waste Facilities	TXLF	09/2010	1	3
Unauthorized and Unpermitted Landfill Sites	LFUN	09/2010	0.5	0
Leaking Underground Storage Tanks	TXLUST	11/2010	0.5	0
Texas Underground Storage Tanks	TXUST	11/2010	0.25	3
Texas Above Ground Storage Tanks	TXAST	11/2010	0.25	0
Texas Spills List	TXSPILL	09/2010	0.25	0
Brownfield	BRNFD	10/2010	0.5	0
Dry Cleaner	DRYC	11/2010	0.5	0
Indian Reservation Underground Storage Tanks	IRUST	11/2010	0.25	0











# Sites Sorted By Distance from Center

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Site Distance/Direction Database Number Address City/State Site Name

		IRUST				NO FINDINGS WITHIN 1/4 MILE.
		NPL				NO FINDINGS WITHIN ONE MILE.
		CERCLIS				NO FINDINGS WITHIN 1/2 MILE.
		NFRAP				NO FINDINGS WITHIN 1/2 MILE.
		CORRACT				NO FINDINGS WITHIN ONE MILE.
		ERNS				NO FINDINGS WITHIN 1/4 MILE.
		TXVCP				NO FINDINGS WITHIN 1/2 MILE.
		RCRA TSD				NO FINDINGS WITHIN ONE MILE.
		TXAST				NO FINDINGS WITHIN 1/4 MILE.
		TXLUST				NO FINDINGS WITHIN 1/2 MILE.
		TXSSF				NO FINDINGS WITHIN ONE MILE.
		TXSPILL				NO FINDINGS WITHIN 1/4 MILE.
		LFUN				NO FINDINGS WITHIN 1/2 MILE.
		TXIOP				NO FINDINGS WITHIN 1/2 MILE.
		BRNFD				NO FINDINGS WITHIN 1/2 MILE.
		DRYC				NO FINDINGS WITHIN 1/2 MILE.
.05						
	W	RCRA-G	2	16988 COUNTY ROAD 476	LINDALE	HAWLEY SANITATION
	W	TXLF	2	16988 COUNTY ROAD 476 LINDALE, TX 7	SMITH	HAWLEY RECYCLING
.08						
	SE	TXUST	1	N HWY 69	LINDALE	MEA NURSERY
	SE	TXUST	1	N HWY 69	LINDALE	MEA NURSERY
	SE	TXUST	1	N HWY 69	LINDALE	MEA NURSERY
Site Loc	cation Ur	nknown				
		TXLF	unknown	2.5 MILES W OF JUNCTION OF US HIGHW	SMITH	HIDE-A-WAY LAKE LANDFILL
		TXLF	unknown	3.5 MILES W OF LINDALE ON FM 16 LIND	SMITH	CITY OF LINDALE LANDFILL





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#### **NPL**

# National Priority List

NPL is a priority subset of the CERCLIS list. (See CERCLIS, below) The Cerclis list was created by the Comprehensive Environmental Response, Compensation and Liability Acts (CERCLA) need to track contaminated sites. CERCLA was enacted on 12/11/80, and amended by the Superfund Amendments and Reauthorization Act of 1986. These acts established broad authority for the government to respond to problems posed by the release, or threat of release of hazardous substances, pollutants, or contaminants. CERCLA also imposed liability on those responsible for releases and provided the authority for the government to undertake enforcement and abatement action against responsible parties. Institutional/Engineering Controls searched. Delisted NPL sites are included.

Source: United States Environmental Protection Agency (EPA)

Database: NPL

**Site:** No findings within one mile.

Distance: 0 Address Zip Code City:

## **CERCLIS**

# Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS is the official repository for site and non-site specific Superfund data in support of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). It contains information on hazardous waste site assessment and remediation from 1983 to the present. CERCLIS information is used to report official Superfund accomplishments to Congress and the public, assist EPA Regional and Headquarters managers in evaluating the status and progress of site cleanup actions, track Superfund Comprehensive Accomplishments Plan (SCAP), and communicate planned activities and budgets. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: CERCLIS

**Site:** No findings within 1/2 mile.

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#### **NFRAP**

## No Further Remedial Action Planned

NFRAP Sites indicate a CERCLIS site that was designated "No further remedial action planned" by the EPA February 1995. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: NFRAP

Site: No findings within 1/2 mile.

Distance: 0
Address
Zip Code
City:

## **RCRATSD**

# Resource Conservation and Recovery Information System - Treatment Storage or Disposal

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA TSD (Treatment Storage or Disposal) is a subset of the RCRIS list. RCRA TSD tracks facilities that fall under the Treatment Storage or Disposal classification.

Source: United States Environmental Protection Agency (EPA)

Database: RCRA TSD

**Site:** No findings within one mile.

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## **CORRACT**

## Corrective Action

CORRACT lists RCRIS (Resource Conservation and Recovery Information System) sites that are currently under corrective action. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: CORRACT

**Site:** No findings within one mile.

Distance: 0
Address
Zip Code
City:

## RCRA-G

# Resource Conservation and Recovery Information System - Generators

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste, are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA-G (Generators) list is a subset of the RCRIS list. RCRA-G tracks facilities that fall under the generators or transporters classification.

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS (CESQG) produce less than 100 kg per month of hazardous waste. SMALL QUANTITY GENERATORS (SQG) produce at least 100 kg per month but less than 1000 kg per month of hazardous waste. LARGE QUANTITY GENERATORS (LQG) produce at least 1000 kg per month of hazardous waste. Source: United States Environmental Protection Agency (EPA)

2 Database: RCRA-G

Site: HAWLEY SANITATION

Distance: 0.046 W

Address 16988 COUNTY ROAD 476

**Zip Code** 75771 **City:** LINDALE

Site EPA ID: TXR000078050 - Type of site: Transporter Contact Information: JIMMY HAWLEY, PO BOX 1121 LINDALE, TX, 75771; tel. 903-882-4839 OR NAIC (North American Industrial Classification) Code(s): 562112

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#### **ERNS**

# **Emergency Response Notification System**

ERNS supports the release notification requirements of section 103 of the Comprehensive Environmental Response Compensation, and Liability Act (CERCLA), as amended; section 311 of the Clean Water Act; and sections 300.51 and 300.65 of the National Oil and Hazardous Substances Contingency Plan. Additionally, ERNS serves as a mechanism to document and verify incident-location information as initially reported, and is utilized as a direct source of easily accessible data, needed for analyzing oil and hazardous substances spills.

Source: National Response Center (NRC)

Database: ERNS

Site: No findings within 1/4 mile.

Distance: 0 Address Zip Code City:

#### **TXVCP**

# Texas Voluntary Cleanup Program

Created under HB 2296, The Voluntary Cleanup Program (VCP) was established on 09/01/95 to provide administrative, technical, and legal reasons to promote the cleanup of tainted sites in Texas. Since future lenders and landowners get protection from liability to the State of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate deals at those sites are removed. As a result, many unused or under used sites may be restored to economically productive or community beneficial uses. After cleanup, the parties get a certificate of completion from the TCEQ which states that all lenders and future land owners who are not PRP's are free from all liability to the State. Institutional/Engineering Controls searched.

Parts of the above description were taken from the TCEQ/VCP Website (http://www.TCEQ.state.tx.us/permitting/remed/vcp/). The investigation phases are listed as INVESTIGATION, REMEDIATION, POST-CLOSURE, and COMPLETE. Contaminant Categories (PERC and BTEX). Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXVCP

Site: No findings within 1/2 mile.

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## **TXIOP**

# Innocent Owner/Operator Program

The TX IOP, created by House Bill 2776 of the 75th Leg, provides a cert. to an innocent owner or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not loc. on the prop., and they did not cause or contribute to the source or sources of contamination. Like the TxVCP Prog., the IOP can be used as a redevelopment tool or as a tool to add value to a contaminated prop. by providing an Innocent Owner/Operator Certificate (IOC). However, unlike the VCP release of liability, IOCs are not trans. to future owners/oper's. Future owners/oper's are eligible to enter the IOP and may rec. an IOC only after they become an owner or operator of the site.

The above description were taken from the TCEQ/IOP Website (http://www.TCEQ.state.tx.us/permitting/remed/vcp/iop.html). Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXIOP

Site: No findings within 1/2 mile.

Distance: 0 Address Zip Code City:

## **TXSSF**

## Texas State Superfund

The Texas State Superfund database is a list of sites that the State of Texas has identified for investigation or remediation. Texas State Superfund sites are reviewed for potential upgrading to Comprehensive Environmental Response, Compensation, and Liability Information System status by the federal Environmental Protection Agency. Institutional/Engineering Controls searched.

Source: Texas Commission on Environmental Quality (TCEQ)

**Database:** TXSSF

**Site:** No findings within one mile.

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#### **TXLF**

## TCEQ Solid Waste Facilities

Texas Commission on Environmental Quality (TCEQ) Requires municipalities and counties to report known active and inactive landfills. Texas Landfills is a listing of solid waste facilities registered and tracked by the TCEQ Solid waste division. The facilities tracked include solid waste disposal sites as well as transfer stations and processing stations.

Source: Texas Commission on Environmental Quality (TCEQ)

2

Database: TXLF

Site: HAWLEY RECYCLING

Distance: 0.046 W

Address 16988 COUNTY ROAD 476 LINDALE, TX 75771-5637

**Zip Code** 75771 **City:** SMITH

Site ID: 100045 - Permit app. received date: 11/10/2004. Facility type: RESOURCE PECOVERY/RECYCLING FACILITY. Site status: ACTIVE, Permit status: ISSUED, Business type: INDIVIDUAL, Permitted acreage: N/A, Population served: Unknown, Area served: LINDALE CITY. Tons per day: N/A, Yards per day: N/A, Estimated closing date: Unknown. App. name, address, phone number: OWNOPR: Hawley Recycling, OWNOPR: PO BOX 1121 LINDALE, TX 757711121, OWNOPR: (903) 882 - 4839.

3

Database: TXLF \*Not mapped\*

Site: HIDE-A-WAY LAKE LANDFILL

**Distance:** Site Location Unknown

Address 2.5 MILES W OF JUNCTION OF US HIGHWAY 69 AND FM 16 ADJACENT

TO S SIDE OF F

**Zip Code** 

City: SMITH

Site ID: 1154 - Permit app. received date: 10/5/1977. Facility type: SANITARY LANDFILL FOR BRUSH AND/OR CONSTRUCTION-DEMOLITION MATERIAL, MONTHLY COVER REQUIRED. Site status: CLOSED, Permit status: REVOKED, Business type: 03, Permitted acreage: 5, Population served: 400, Area served: HIDE A WAY LAKE. Tons per day: 1, Yards per day: Unknown, Estimated closing date: 10/1/1982. App. name, address, phone number: OWNOPR: Hide-A-Way Lake Club, Inc., OWNOPR: RR 4 BOX 743 LINDALE, TX 757719804, OWNOPR: (214) 882 - 6151.



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4

Database: TXLF \*Not mapped\*
Site: CITY OF LINDALE LANDFILL

Distance: Site Location Unknown

Address 3.5 MILES W OF LINDALE ON FM 16 LINDALE, TX

**Zip Code** 

City: SMITH

Site ID: 529 - Permit app. received date: 3/24/1975. Facility type: SANITARY LANDFILL, DAILY COVER REQUIRED(POPULATION EQUIVALENT SERVED EXCEEDS 5,000 PEOPLE). Site status: CLOSED, Permit status: REVOKED, Business type: CITY, Permitted acreage: 28.262, Population served: 2000, Area served: LINDALE HIDEAWAYLK. Tons per day: 20, Yards per day: Unknown, Estimated closing date: 3/1/1978. App. name, address, phone number: OWNOPR: City of Lindale, OWNOPR: PO BOX 130 LINDALE, TX 757710130, OWNOPR: (214) 882 - 3422.

## **LFUN**

# Unauthorized and Unpermitted Landfill Sites

Unauthorized sites have no permit and are considered abandoned. All information about these sites was compiled by Southwest Texas State University under contract with TCEQ and is based on a search of publicly available records.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: LFUN

Site: No findings within 1/2 mile.



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#### **TXLUST**

# **Leaking Underground Storage Tanks**

State lists of leaking underground storage tank sites. Section 9003(h) of Subtitle I of RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXLUST

Site: No findings within 1/2 mile.

Distance: 0 Address Zip Code City:

## **TXUST**

# Texas Underground Storage Tanks

Underground Storage Tanks - Permitted underground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

Source: Texas Commission on Environmental Quality (TCEQ)

1

Database: TXUST

Site: MEA NURSERY

Distance: 0.077 SE

Address N HWY 69

Zip Code 75771

City: LINDALE

Facility ID number 0049341, TCEQ unit ID number 00128109, tank ID number 1,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0006000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

Facility ID number 0049341, TCEQ unit ID number 00128110, tank ID number 2,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0002000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0002000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

Facility ID number 0049341, TCEQ unit ID number 00128111, tank ID number 3,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Diesel. Capacity 0006000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

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#### **TXAST**

# Texas Above Ground Storage Tanks

Aboveground Storage Tanks - Permitted aboveground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXAST

**Site:** No findings within 1/4 mile.

Distance: 0 Address Zip Code City:

#### **TXSPILL**

## Texas Spills List

Texas Commission on Environmental Quality (TCEQ) tracks cases where emergency response is needed for cleanup of toxic substances.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXSPILL

**Site:** No findings within 1/4 mile.

Distance: 0 Address Zip Code City:

## **BRNFD**

## Brownfield

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Institutional/Engineering Controls searched.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: BRNFD

**Site:** No findings within 1/2 mile.

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#### **DRYC**

# **Dry Cleaner**

House Bill 1366 requires all dry cleaning drop stations and facilities in Texas to register with Texas Commission on Environmental Quality (TCEQ) and implement new performance standards at their facilities as appropriate. It also requires distributors of dry cleaning solvents to collect fees on the sale of dry cleaning solvents at certain facilities.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: DRYC

**Site:** No findings within 1/2 mile.

Distance: 0
Address
Zip Code
City:

## **IRUST**

# Indian Reservation Underground Storage Tanks

All Appropriate Inquiries (AAI) rule has requested that Underground Storage Tanks on Indian Land be included in any ESA that is affected. Permitted Underground Storage Tanks on Indian Land are tracked and maintained by the EPA.

Source: United States Environmental Protection Agency (EPA)

Database: IRUST

**Site:** No findings within 1/4 mile.

# TelALL Zip Index

The following zip codes, are the zip codes that TelALL used for generating the preceding report. The information is provided to help our customers make the most thorough data evaluation possible. Lat/Lon. info is provided to assist in locating sites.Lat/Lon info that is listed as "0" indicates that the site has not been geocoded. This does not indicate that the site is an orphan or was not evaluated by TelALL's research personnel.



	ERNS	4	RCRA-G	2	TXAST	12
	TXLUST	4	TXSPILL	4	TXUST	43
FACZIP	DATABASE	SITENAME	ADDR	ESS	CITY	LATITUDE LONGITUDE
	•	·			·	

75704	ERNS	COUNTRY PLACE MOBILE HOME	15537 HWY 64 WEST	TYLER	32.365049	-95.426696
		MJ CRUISERS	11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
			11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
			11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
	RCRA-G	TRANSPORTATION SECURITY AD	700 SKYWAY BLVD SUITE 102	TYLER	0	0
		WAL-MART STORES TEXAS LLC	3820 HIGHWAY 64 W	TYLER	32.341738	-95.358726
	TXAST	BECKAT OIL & FUEL LP	12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
			12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
			12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
			12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
		BENETTE FREIGHT	12126 HIGHWAY 64 W	TYLER	32.358311	-95.3670841
		JET CENTER OF TYLER	209 AIRPORT DR	TYLER	32.360654	-95.396357
			209 AIRPORT DR	TYLER	32.360654	-95.396357
		LONGVIEW BRIDGE & ROAD 0616	233 AIRPORT DR	TYLER	32.361388	-95.3961852
		TYLER AERO	1320 CR 1143	TYLER	32.358233	-95.390837
			1320 CR 1143	TYLER	32.358233	-95.390837
			1320 CR 1143	TYLER	32.358233	-95.390837
			1320 CR 1143	TYLER	32.358233	-95.390837
	TXLUST	DARR EQUIPMENT CO	W HWY 31	TYLER	32.350495	-95.312711
		FOOD FAST 57	11812 W HWY 64	TYLER	32.357691	-95.362243
		STOP N SHOP	W HWY 64	TYLER	32.350481	-95.319384
		TYLER AERO	W POUNDS FIELD HWY 64	TYLER	32.350481	-95.319384
	TXSPILL	Bob Jefreys	Kirby Station Located on HWY 64 West	Tyler		
			Kirby Station Located on HWY 64 West	Tyler		
		CITY OF TYLER	located at 14939 County Road 46, appr	TYLER	0	0
		EXECUTIVE AVIATION	FUEL DEPOT, TYLER POUNDS FIELD	TYLER		
	TXUST	CLARENCE YOUNG PROPERTY	301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
		DIXIE VOL FIRE DEPT	DIXIE DR S OF HWY 64 W	TYLER	32.398602	-95.4149003
		FOOD FAST 54	6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
			6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
			6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
		FOOD FAST 57	11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
			11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
			11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
		HOLLAND AIRCRAFT ENGINE SER	General Delivery	TYLER	32.398602	-95.4149003
		HTC RANCH	General Delivery	TYLER	32.398602	-95.4149003
		JOHNNY MILLER STATION	HWY 64 W	TYLER	32.363036	-95.420204
			HWY 64 W	TYLER	32.363036	-95.420204
			HWY 64 W	TYLER	32.363036	-95.420204
			HWY 64 W	TYLER	32.363036	-95.420204
		JOHNSON AVIATION	353 AIRPORT RD	TYLER	32.362525	-95.4027129
			353 AIRPORT RD	TYLER	32.362525	-95.4027129



		Database	e count for 75704		
	ERNS	4 RCF	RA-G 2	TXAST	12
	TXLUST	4 TXS	SPILL 4	TXUST	43
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE LONGITUDE
75704	TXUST	KIDD JONES 8	11421 HIGHWAY 64 W	TYLER	22.254467 05.247047
75704	12021	KIDD JOINES 8	11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917 32.354467 -95.347917
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
		MEWBOURNE AVIATION DEPART	704 CR 1143	TYLER	
		MEWBOORNE AVIATION DEPART	704 CR 1143	TYLER	32.360303 -95.3909773 32.360303 -95.3909773
		MINUTE STOP 1	11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
		WINOTE STOP I	11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
		NATIONAL CAR RENTAL	150 AIRPORT DR	TYLER	32.360089 -95.3989967
		STOP N SHOP	General Delivery	TYLER	32.398602 -95.4149003
		0.0	General Delivery	TYLER	32.398602 -95.4149003
			HWY 64 W	TYLER	32.363036 -95.420204
			HWY 64 W	TYLER	32.363036 -95.420204
		TYLER TURBINE SALES	1862 CR 1143	TYLER	32.356400 -95.3908186
			1862 CR 1143	TYLER	32.356400 -95.3908186
		TYLER TYR ATCT	POUNDS FIELD	TYLER	32.353889 -95.402222
		USA FOODS	General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003
			•		

Database count for 75706						
	CERCLIS		RRACT 1	ERNS	1	
	RCRA TSD	2 RCF	RA-G 4	TXAST	20	
	TXLUST	2 TXS	PILL 12	TXUST	76	
FACZIP	DATABASE	SITENAME	ADDRESS	CITY		LONGITUDE
	DATABAGE	OTTENAME	ADDICEGO	OIII	LAIITODE	LONGITODE
	0500110	FM 4.4 DDI IM CITE	40.40 FM 4.4	TVLED	20.0044	05 0050
75706	CERCLIS	FM 14 DRUM SITE	4942 FM 14	TYLER	32.3911 32.418594	-95.2853
	CORRACT	TYLER PIPE COMPANY A DIVISIO TYLER PIPE COMPANY	11721 US HIGHWAY 69 N SEE BELOW ADDRESS11721 US HIG	TYLER	32.418394	-95.354949 0
	ERNS	TYLER PIPE COMPANY A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925
	RCRA TSD	TILER FIFE COMPANT A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925
	RCRA-G	EAGLE CONSTRUCTION AND ENV		TYLER	32.463061	-95.3864925
	KCKA-G	TARGET REGIONAL DISTRIBUTIO	13786 HARVEY ROAD	TYLER	32.465929	-95.4182968
		TYLER PIPE COMPANY A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925
		TILLER FIFE COMPANT A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925
	TVACT	FWA TRANSPORTATION	HWY 69 N	TYLER	32.466513	-95.387689
	TXAST	JOHN SOULES FOODS	10150 FM 14	TYLER	32.410384	-95.276204
		JOHN SOULES FOODS				
		OIL TRANSPORT	10150 FM 14 419 E NORTHEAST LOOP 323	TYLER	32.410384	-95.276204
		OIL TRANSPORT PUMPCO		TYLER	32.388318	-95.28281
			11126 CR 490	TYLER	32.410771	-95.3491731
		STATES ENVIRONMENTAL OIL SE		TYLER	32.414456	-95.34252
			CR 489	TYLER	32.414456	-95.34252
			CR 489	TYLER	32.414456	-95.34252
			CR 489	TYLER	32.414456	-95.34252
			CR 489	TYLER	32.414456	-95.34252
			CR 489	TYLER	32.414456	-95.34252
			CR 489	TYLER	32.414456	-95.34252
			CR 489	TYLER	32.414456	-95.34252
		STRIPING TECHNOLOGY	10112 CR 489	TYLER	32.411991	-95.3424519
		TRANSIT N PLANT 2069	9041 HIGHWAY 69 N	TYLER	32.404027	-95.348741
		TYLER ASPHALT	CR 489	TYLER	32.414456	-95.34252
		TYLER STATE PARK	General Delivery	TYLER	32.447338	-95.3311652
		WILSON-RILEY	9149 HWY 69 N	TYLER	32.466513	-95.387689
			9149 HWY 69 N	TYLER	32.466513	-95.387689
			9149 HWY 69 N	TYLER	32.466513	-95.387689
	TXLUST	JOHNNYS GARAGE CLOSED	110 N CLAYTON	TYLER	32.351186	-95.284367
		NU WAY OIL STORE 11135	11135 HWY 69	TYLER	32.428764	-95.363527
	TXSPILL	BAKER HUGHES ATLAS	FM 95, 1/8 MI SOUTH OF THE INTERS	•		
			FM 95, 1/8 MI SOUTH OF THE INTERS	•		
		EFB TRUCKING CO.	HWY 69 N.	TYLER		
		ELDORADO CHEMICAL	I-20 AT MILE MARKER 517 ALONG TH	•	32.453475	-95.285985
			I-20 AT MILE MARKER 517 ALONG TH		32.453475	-95.285985
		GENERIC INCIDENT PRINCIPAL	GENERIC INCIDENT ZIP CODE 75706		0	0
		LETOURNEAU, INC	ON LETOURNEAU PLANT W OF HIG			
		MCWANE INC	11721 US HIGHWAY 69 N TYLER TX		0	0
		STOVALL FERTILIZER	INTERSECTION FM 279 @ FM 2010,	Tyler	32.3671	-95.4377
			INTERSECTION FM 279 @ FM 2010,	Tyler	32.3671	-95.4377
		UDS / Total Petroleum	3512 S Main St # 69	Tyler	32.4421	-95.3668
			3512 S Main St # 69	Tyler	32.4421	-95.3668
	TXUST	BP BARNES	General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
		CO-OPERATIVE ROSE GROWERS		TYLER	32.463199	-95.3833499
			US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499
			US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499
		DAVIS COFFEE	General Delivery	TYLER	32.447338	-95.3311652
						TM



Database count for 75706							
	CERCLIS	1	CORRACT 1	ERNS	1		
	RCRA TSD	2	RCRA-G 4	TXAST	20		
	TXLUST	2	TXSPILL 12	TXUST	76		
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE	
75706	TXUST	DAY & NIGHT 82	13341 I 20 W	TYLER	32.469976	-95.358621	
73700	17.001	2711 011110111 02	13341 I 20 W	TYLER	32.469976	-95.358621	
			13341 I 20 W	TYLER	32.469976	-95.358621	
			13341 I 20 W	TYLER	32.469976	-95.358621	
		FRANK HOLEY NURSERY	12999 CR 433	TYLER	32.455716	-95.4208062	
		FWA TRANSPORTATION	HWY 69 N	TYLER	32.466513	-95.387689	
			HWY 69 N	TYLER	32.466513	-95.387689	
		JIM HOGG ROAD TEXACO	12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
		JOE EDDIE HITT	390 CR 313 W	TYLER	32.488340	-95.2824578	
			390 CR 313 W	TYLER	32.488340	-95.2824578	
		JOHN SOULES FOODS	10150 FM 14	TYLER	32.410384	-95.276204	
		KIDD JONES 10	13411 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
			13411 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
			13411 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
		KING MART 2	8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792	
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792	
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792	
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792	
		LOFT BAR B Q	I 20 & HWY 14	TYLER	31.311986	-96.6303878	
			I 20 & HWY 14	TYLER	31.311986	-96.6303878	
		PAYLESS GAS 620	1201 SPEIGHT	WACO	31.539819	-97.125406	
			1201 SPEIGHT	WACO	31.539819	-97.125406	
		PILOT TRAVEL CENTER 486	12881 FM 14	TYLER	32.451744	-95.284507	
			12881 FM 14	TYLER	32.451744	-95.284507	
			12881 FM 14	TYLER	32.451744	-95.284507	
			12881 FM 14	TYLER	32.451744	-95.284507	
			12881 FM 14	TYLER	32.451744	-95.284507	
		RABIAS MART	11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414	
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414	
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414	
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414	
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414	
		ROBERT C JACKSON	12816 FM 14	TYLER	32.45133	-95.281892	
			12816 FM 14	TYLER	32.45133	-95.281892	
			12816 FM 14	TYLER	32.45133	-95.281892	
			12816 FM 14	TYLER	32.45133	-95.281892	
			12816 FM 14	TYLER	32.45133	-95.281892	
		CAND ELANT UNIT	12816 FM 14	TYLER	32.45133	-95.281892	
		SAND FLANT UNIT	FM 14 10MI S OF TYLER	TYLER	32.447338	-95.3311652	
		SEXTON ROSES	10076 US HIGHWAY 69 N	TYLER	32.410839	-95.346997	
		STATE PARK GROCERY	14910 FM 14	TYLER	32.481922	-95.279267	
			14910 FM 14	TYLER	32.481922	-95.279267	
		TVI ED ELIEL DI AZA	14910 FM 14	TYLER	32.481922	-95.279267	
		TYLER FUEL PLAZA	3512 S MAIN ST	TYLER	32.469338	-95.387236	
			3512 S MAIN ST	TYLER	32.469338	-95.387236	
			3512 S MAIN ST	TYLER	32.469338	-95.387236	



		Databas	e count for 75706			
	CERCLIS	1 CO	RRACT 1	ERNS	1	
	RCRA TSD	2 RC	RA-G 4	TXAST	20	
	TXLUST	2 TXS	SPILL 12	TXUST	76	
FACZIP						
FACZIF	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75706	TXUST	TYLER FUEL PLAZA	3512 S MAIN ST	TYLER	32.469338	-95.387236
70700			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
		TYLER STATE PARK	General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
		UNITED FUEL & ENGERGY SFS Y	10449 HWY 69 N	TYLER	32.466513	-95.387689
			10449 HWY 69 N	TYLER	32.466513	-95.387689
		UNITY 6	General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
		WILSON-RILEY	General Delivery	TYLER	32.447338	-95.3311652
		YELLOW TRANSPORTATION	3722 N NORTHEAST LOOP	323 TYLER	32.385972	-95.268706

		<u>Database</u>	e count for 75771			
	DRYC	3 RCF	RA-G 2	TXAST	8	
	TXLF	1 TXL	UST 16	TXSPILL	8	
	TXUST	94				
FACZIP		-	4000000	OLTY	LATITUDE	LONGITUDE
TAOZII	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75771	DRYC	LINDALE CLEANERS	1406 S MAIN ST	LINDALE	32.502648	-95.406198
			FM 849 @ I 20	LINDALE	32.516287	-95.4004723
		VIP CLEANERS - LINDALE	903A S MAIN ST	LINDALE	32.507728	-95.4081199
	RCRA-G	HAWLEY SANITATION	16988 COUNTY ROAD 476	LINDALE	32.514803	-95.445846
		WAL-MART STORES TEXAS LLC	105 CENTENNIAL BLVD	LINDALE	32.475626	-95.389503
	TXAST	LOWES OF LINDALE TX 1965	3200 S MAIN ST	LINDALE	32.474752	-95.3911366
		R OASIS	14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
		SMITH CO PRECINCT FOUR	CR 4112	LINDALE	32.529091	-95.4091575
		TRANSPORTATION GARAGE	605 BRAD CIR	LINDALE	32.506138	-95.4055929
	7.4.5	LIAMI EV PEOVOLINO	605 BRAD CIR	LINDALE	32.506138	-95.4055929
	TXLF	HAWLEY RECYCLING	16988 COUNTY ROAD 476 LINDALE,		32.51611	-95.44583
	TXLUST	ABANDONED STATION GILLIS FA	CR 445 GARDEN VALLEY COMMUNI		32.5372	-95.5274
		ALLEN CANNING CO	200 NORTH ST	LINDALE	32.517312	-95.411261
		BILL PARROTT	COOPER ST @ HWY 69	LINDALE	32.510194	-95.40927
		CHEVRON CORNER MARKET CITY OF LINDALE	147 I H 20 201 N MAIN	LINDALE	32.46875	-95.447543
		HIDE A WAY LAKE CLUB MARINA	HIDE A WAY LN W	LINDALE	32.5129 32.4841	-95.4341 -95.4638
		KIDD JONES LINDALE	303 S MAIN ST	LINDALE	32.5129	-95.4341
		LOVES COUNTRY STORE 225	120 @ HWY 110	LINDALE	32.46875	-95.447543
		M & M TRUCK STOP	310 N MAIN ST	LINDALE	32.517701	-95.409966
		NUWAY FFP 247	907 S MAIN	LINDALE	32.5129	-95.4341
		RITE TRACK 9	18562 FM 14	LINDALE	32.532	-95.2711
		ROAD RUNNER 109	IH 20 @ HWY 69 N	TYLER	32.453475	-95.285985
		RUNNING W TRUCK STOP	24782 W IH 20	LINDALE	32.499716	-95.584357
		SMITH COUNTY ROAD DEPT LIND		LINDALE	32.533	-95.4084
		TEXACO SERVICE STATION	IH 20 @ HWY 69	LINDALE	32.46875	-95.447543
		TOTAL STORE 4539	3512 S MAIN ST	LINDALE	32.469373	-95.387801
	TXSPILL	ALLEN CANNING CO.	PLATFORM SCALE AREA, LINDALE P	LINDALE		
		DORA BRYANT	COUNTY RD. 433, 0.5 MI S OF FM 849	LINDALE	32.493992	-95.421729
		GATEWAY FENCE CO.	18552 HWY 69 N, LINDALE,TX 75771	LINDALE		
			18552 HWY 69 N. LINDALE	LINDALE		
		MEGA GULF COAST LINES INC	GENERIC INCIDENT ZIP CODE 75771	LINDALE	0	0
		Quality Liquid Feeds	Corner of Houston & Jackson Streets, S	Lindale		
			Corner of Houston & Jackson Streets, S	Lindale		
		TEXAS DEPARTMENT OF TRANSP	GENERIC INCIDENT ZIP CODE 75771	LINDALE	0	0
	TXUST	882 CO LINDALE SWAN	HWY 69	LINDALE	32.509009	-95.408851
		ABANDONED STATION	CR 445	GARDEN VALL	32.544846	-95.5251648
		ALLEN CANNING COMPANY	200 W NORTH ST	LINDALE	32.517351	-95.4112136
			200 W NORTH ST	LINDALE	32.517351	-95.4112136
		ARMADILLO COUNTRY STORE 17	24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
		BOBBY L WELLS	RT 3	LINDALE	30.867659	-94.6943444
		BORAL HENDERSON CLAY PROD	General Delivery	LINDALE	32.515697	-95.4093998
		PROOKELINE OFFICE	General Delivery	LINDALE	32.515697	-95.4093998
		BROOKSHIRE GROCERY 3	521 S MAIN ST	LINDALE	32.509666	-95.408515
						TM



	Database count for 75771						
	DRYC	· · · · · · · · · · · · · · · · · · ·	RA-G 2	TXAST	8		
	TXLF	1 TXL	UST 16	TXSPILL	8		
	TXUST	94					
E407ID	17031	94					
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE	
75771	TXUST	CITY OF LINDALE	201 N MAIN ST	LINDALE	32.517128	-95.4099647	
			201 N MAIN ST	LINDALE	32.517128	-95.4099647	
			201 N MAIN ST	LINDALE	32.517128	-95.4099647	
		CREWS N BUY MART	907 S MAIN ST	LINDALE	32.507112	-95.408526	
			907 S MAIN ST	LINDALE	32.507112	-95.408526	
			907 S MAIN ST	LINDALE	32.507112	-95.408526	
			907 S MAIN ST	LINDALE	32.507112	-95.408526	
			907 S MAIN ST	LINDALE	32.507112	-95.408526	
		GARDEN VALLEY GOLF CLUB	22049 FM 1995	LINDALE	32.483715	-95.53998	
			22049 FM 1995	LINDALE	32.483715	-95.53998	
		GOLF COURSE MAINT BARN	SERVICE TO IH 20 RD	LINDALE	32.515697	-95.4093998	
			SERVICE TO IH 20 RD	LINDALE	32.515697	-95.4093998	
		HIDE-A-WAY CLUB MARINA	1259 HIDEAWAY LN W	HIDEAWAY	32.49923	-95.453897	
		KEN WILLIAMS EXXON	206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998	
			206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998	
			206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998	
		KIDD JONES LINDALE	303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
			303 S MAIN ST	LINDALE	32.513376	-95.4091981	
		LAST DAYS EVANGELICAL ASSO	General Delivery	LINDALE	32.515697	-95.4093998	
		LINDALE PLANT	HWY 69	LINDALE	32.509009	-95.408851	
			HWY 69	LINDALE	32.509009	-95.408851	
		LINDALE STATE BANK	107 N MAIN ST	LINDALE	32.516180	-95.4097615	
			107 N MAIN ST	LINDALE	32.516180	-95.4097615	
			107 N MAIN ST	LINDALE	32.516180	-95.4097615	
			107 N MAIN ST	LINDALE	32.516180	-95.4097615	
			107 N MAIN ST	LINDALE	32.516180	-95.4097615	
		LINDALE TXD980598999	2 5 MI NE OF LINDALE	LINDALE	32.515697	-95.4093998	
		LOVES COUNTRY STORE 225	I 20 & SR 110	LINDALE	32.515697	-95.4093998	
			I 20 & SR 110	LINDALE	32.515697	-95.4093998	
			I 20 & SR 110	LINDALE	32.515697	-95.4093998	
			I 20 & SR 110	LINDALE	32.515697	-95.4093998	
			I 20 & SR 110	LINDALE	32.515697	-95.4093998	
			I 20 & SR 110	LINDALE	32.515697	-95.4093998	
			I 20 & SR 110	LINDALE	32.515697	-95.4093998	
		M & M TRUCK STOP	310 N MAIN	LINDALE	32.51822	-95.410571	
			310 N MAIN	LINDALE	32.51822	-95.410571	
			310 N MAIN	LINDALE	32.51822	-95.410571	
		MAINTENANCE GARAGE	BOYD ST	LINDALE	32.510078	-95.4126511	
		MEA NURSERY	N HWY 69	LINDALE	32.541852	-95.419957	
			N HWY 69	LINDALE	32.541852	-95.419957	
			N HWY 69	LINDALE	32.541852	-95.419957	
		MURPHY USA 7255	2318 S MAIN ST	LINDALE	32.484913	-95.3968308	
		MONTH OOM 1200	2010 O IVIAIIN 01	LINDALL	JZ. <del>7</del> 04313	33.3300300	

			se count for 75771			
	DRYC	3 RC	CRA-G 2	TXAST	8	
	TXLF	1 TX	KLUST 16	TXSPILL	8	
	TXUST	94				
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
		<del></del>				
75771	TXUST	MURPHY USA 7255	2318 S MAIN ST	LINDALE	32.484913	-95.3968308
		POPS FUEL STOP	802 N MAIN	LINDALE	32.523784	-95.411955
			802 N MAIN	LINDALE	32.523784	-95.411955
			802 N MAIN	LINDALE	32.523784	-95.411955
		QUIX 493 COUNTRY STORE	17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
		R OASIS	14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
		R TIGER EXPRESS	21126 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			21126 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			21126 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
		RACETRAC 406	3318 S MAIN ST	LINDALE	32.471523	-95.388882
			3318 S MAIN ST	LINDALE	32.471523	-95.388882
			3318 S MAIN ST	LINDALE	32.471523	-95.388882
		RITE TRACK 9	18562 FM 14	LINDALE	32.535563	-95.270554
			18562 FM 14	LINDALE	32.535563	-95.270554
		SMITH CO PRECINCT FOUR	CR 4112	LINDALE	32.529091	-95.4091575
			CR 4112	LINDALE	32.529091	-95.4091575
		STUCKEYS	I 20 & HWY 110	LINDALE	32.515697	-95.4093998
			I 20 & HWY 110	LINDALE	32.515697	-95.4093998
			I 20 & HWY 110	LINDALE	32.515697	-95.4093998
		TRANSPORTATION GARAGE	605 BRAD CIR	LINDALE	32.506138	-95.4055929
		TWIN OAKS RANCH	W HWY 16	LINDALE	32.515697	-95.4093998
		VACANT	HWY 69 & COOPER	LINDALE	32.510226	-95.4085983
			HWY 69 & COOPER	LINDALE	32.510226	-95.4085983
			HWY 69 & COOPER	LINDALE	32.510226	-95.4085983
		VACANT STORE	910 S MAIN ST	LINDALE	32.507684	-95.4081115
			910 S MAIN ST	LINDALE	32.507684	-95.4081115
		WAL-MART SUPERCENTER 3764	105 CENTENNIAL BLVD	LINDALE	32.475626	-95.389503